

Engines for Engineers

Çemberci Denizcilik Ltd

29/07/2016

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ABC	HP	RPM
6 DZC – 720 – 166	1297	720
6 DZC – 720 – 181	1403	720
6 DZC – 750 – 135	1101	750
6 DZC – 750 – 150	1224	750
6 DZC – 750 – 166	1353	750
6 DZC – 750 – 179	1448	750
6 DZC – 800 – 173	1500	800
6 DZC – 900 – 120	1175	900
6 DZC – 900 – 135	1322	900
6 DZC – 900 – 150	1468	900
6 DZC – 900 – 166	1623	900
6 DZC – 1000 – 120	1305	1000
6 DZC – 1000 – 135	1468	1000
6 DZC – 1000 – 150	1632	1000
6 DZC – 1000 – 166	1803	1000
8 DZC – 720 – 166	1729	720
8 DZC – 720 – 181	1870	720
8 DZC – 750 – 150	1632	750
8 DZC – 750 – 166	1803	750
8 DZC – 750 – 179	1931	750
8 DZC – 800 – 173	2000	800
8 DZC – 900 – 135	1762	900
8 DZC – 900 – 150	1958	900
8 DZC – 900 – 166	2165	900
8 DZC – 1000 – 135	1958	1000
8 DZC – 1000 – 150	2176	1000
8 DZC – 1000 – 166	2404	1000

3 DX – 600 – 000	187.5	600
3 DXS – 600 – 045	270	600
3 DXC – 600 – 080	337.5	600
3 DXS – 600 – 100	375	600
3 DX – 720 – 000	220.5	720
3 DXS – 720 – 045	320	720
3 DXC – 720 – 080	397	720
3 DXS – 720 – 100	441	720
3 DX – 750 – 000	225	750
3 DXS – 750 – 045	325	750
3 DXC – 750 – 080	405	750
3 DXS – 750 – 100	450	750
6 DX – 600 – 000	375	600
6 DXS – 600 – 045	541	600
6 DXC – 600 – 080	675	600
6 DXS – 600 – 100	750	600
6 DX – 720 – 000	441	720
6 DXS – 720 – 045	639	720
6 DXC – 720 – 080	794	720
6 DXS – 720 – 100	882	720
6 DX – 750 – 000	450	750
6 DXS – 750 – 045	650	750
6 DXC – 750 – 080	810	750
6 DXS – 750 – 100	900	750
8 DX – 600 – 000	500	600
8 DXC – 600 – 080	900	600
8 DXS – 600 – 100	1000	600
8 DX – 720 – 000	587	720
8 DXC – 720 – 080	1056	720
8 DXS – 720 – 100	1174	720
8 DX – 750 – 000	600	750
8 DXC – 750 – 080	1080	750
8 DXS – 750 – 100	1200	750

ACME	HP				RPM			

ADX 300	5.4	5.9	6.0	6.5	3000	3000	3600	3600
ADX 370	6.6	7.2	7.1	7.8	3000	3000	3600	3600

ADN 37 W	6.3	7.2	7.1	7.9	3000	3000	3600	3600
ADN 43 W – 43 VW	7.1	7.9	8.0	9.0	3000	3000	3600	3600
ADN 54 W – 54 VW	9.5	10.7	10.2	11.4	3000	3000	3600	3600
ADN 43 LW	3.5	4.1	5.0	6.0	1500	1500	2000	2000
ADN 54 LW	5.3	6.0	7.3	8.2	1500	1500	2000	2000

ADX 600	10.3	11.6	11.6	12.9	3000	3000	3600	3600
ADX 740	12.7	13.8	14.3	15.6	3000	3000	3600	3600

Benzinli Motorlar								
A 180 B	3.0	3.4	3.5	4.0	3000	3000	3600	3600
A 220	4.5		5.0		3000		3600	
A 220 B	3.6	4.1	4.3	4.8	3000	3000	3600	3600
A 230	4.7		6.0		3000		4000	
A 349	7.5		8.2		3000		4000	
A 360	8.0		9.1		3000		4000	

ACT 280	7.1	7.6	8.0	8.5	3000	3000	3600	3600
ACT 280 OHC	8.1		9.5		3000		4000	
ACT 340 OHC	10.0		11.2		3000		4000	

ALN 330 WB	5.6	6.3	6.4	7.2	3000	3000	3600	3600
AL 480 WB	8.7	9.9	10.0	11.3	3000	3000	3600	3600

AT 220	4.5	5.1	5.2	5.8	3000	3000	3600	3600
AT 330	6.8	7.6	7.5	8.4	3000	3000	3600	3600

VT 88 W	10.1	11.4	11.6	12.9	3000	3000	3600	3600
VT 94 W	11.6	13.0	13.2	14.8	3000	3000	3600	3600

ADIM Same-Lamborghini- Deutz	HP	RPM
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Lamborghini 1000.3W	60.0	2500
Lamborghini 1000.4W	80.0	2500
Lamborghini 1000.4WT	103.0	2500
Lamborghini 1000.6W	115.0	2500
Lamborghini 1000.6WT	135.0	2500
Lamborghini 1000.6WTI	164.0	2350
Lamborghini 1000.6WTR	189.0	2350

Same 1000.3A	60.0	2500
Same 1000.3AT	70.0	2350
Same 1000.4A	80.0	2500
Same 1000.4AT	90.0	2500
Same 1000.4ATI	100.0	2500
Same 1000.6A	110.0	2500
Same 1000.6AT	130.0	2500
Same 1000.6ATI	159.0	2500

Same 1052.LP	39.0	2500
Same 1053.P	64.0	2500
Same 1054.P	85.0	2500
Same 1054.PT	90.0	2300
Same 1055.P	105.0	2500
Same 1056.P	130.0	2500
Same 1056.PS	148.0	2300
Same 1056.PT	160.0	2300
Same 1056.PTI	170.0	2300

ALBIN	HP	RPM
<i>Benzinli Motor</i>		
O-11	5.0	1600
O-21	10.0	1600
O-41	20.0	1600
O-411	40.0	2500
AL-23	15.0	1500
<i>Diesel Motor</i>		
AD-2	16.0	2200
AD-21	22.0	2400
H-3	30.0	2000
<i>Karburatör</i>		
SOLEX 26 VN		
SOLEX 26 MVD	901-906	
SOLEX 30 MOVD		
SOLEX S 3800		
<i>Manyetö</i>		
SEM EY-1R33		
SEM FL 40		
SEM EX 4 L		
BOSCH FF 4 ELS 284		
WICO A 1065 BZ		

ANDORIA	HP	RPM		
ADCR	115.5	3700		
1 CA 90	10.0	3000		
2 CA 90	20.0	3000		
4 CT 90-1 MEA	90.0	4100		
2 CTI 90-1 BE6	90.0	4100		
2 CTI 90-1 BE	102.0	4100		
6 CT 107	150.0	2600		
1 HC 102	15.0	2200		
S 320	18.0	1500		
S 320 M	21.8	1500		
SW 266	80.0	2400		
SW 400	125.0	2400		
TS 301 D	4.1	7.0	1200	2000

AS KAMYONLARINDAKI MOTORLAR	Motor Markasi	HP	RPM
W 100 S	Perkins 4.236	82.0	2800
D 100 S	Chrysler 225-1	106.0	4000
D 200	Chrysler 225-1	106.0	4000
D 200 – AS	Perkins 4.236	82.0	2800
PW 150	Perkins 4.236	82.0	2800
AS – 19.300 ST	Man D0836 LFL01	280.0	2400
AS – 250 (eski)	Perkins 4.236	82.0	2800
AS – 250	Perkins Phaser 90	87.0	2800
AS – 250 (Desoto)	Deutz BF 4M 1012E	90.0	2600
AS – 26.200 Ti	Perkins Phaser 200 Ti	201.0	2500
AS – 26.260 SN	Hino J08C-TM	252.0	2500
AS – 26.300 SN	Man D0836 LFL01	280.0	2400
AS – 32.300 LN	Man D0836 LFL01	280.0	2400
AS – 400	Perkins 4.236	82.0	2800
AS – 600	Perkins 6.354/4 P	124.0	2800
AS – 700 – PD	Perkins 6.354/4	128.0	2800
AS – 700	Perkins T 6,354/4	155.0	2600
AS – 800 – PD	Perkins T 6,354/4	155.0	2600
AS – 900 – PD	Perkins T 6,354/4	155.0	2600
AS – 900	Perkins Phaser 160 T	160.0	2600
AS – 950	Perkins Phaser 180 Ti	180.0	2600
AS – 950 (Desoto)	Deutz BF 6M 1013 EC	236.0	2300

ATA MARINE	HP	RPM
		Tr
3 M 78	21.0	3000
YSAD 380	27.0	3000
YD 480	37.0	3000
YND 485	47.0	3000
YND 490	62.0	3200
TDME 498	85.0	3600
TDME 498 T	110.0	3200
TDME-QD32Ti	130.0	3200
Cummins 4BTA	140.0	2800

ATIMAX	HP	RPM
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AD 160	5.5	3600
AG 200 – 200E	6.5	3600
AG 270	9.0	3600
AG 390 – 390E	13.0	3600

AD 170 F	4.2	5.0	3600	3600
AD 178 FI	6.0	7.0	3600	3600
AD 186 FA	9.0	10.0	3600	3600
AD 186 FAE	9.0	10.0	3600	3600
AD 186 FE+M10		9.9		3600
AD 190 FAE	10.5	12.0	3600	3600

BAŞAK	HP	RPM
		Tr
Meltem - DW 208	32.0	2400
Poyraz - DW 308	50.0	2400
Karayel - DW 408	70.0	2400
BT 408-45T2	75.0	2500
BT 408-51T2	70.0	2500
BT 408-59T2	80.0	2500

BAUDOUIIN	psHP				RPM			
4 D 106	70	72			2300	2500		
6 D 106	110	115			2300	2500		
6 D 106 S	140	143			2300			
6 D 106 SR	172				2300			
6 M 19.3	450	500	550	578	1800	2100	2100	2200
6 M 16				360				2300
6 M 26	225				1800			
6 M 26 AN	240				1800			
6 M 26 S	330				1800			
6 M 26 SR	450	540	550	600	1800	1800	1900	1950
				650				2000
6 M 26 SRP				600				1950
8 M 26 AN	320				1800			
8 M 26 SR	550	600	720	700	1800	1800	1800	1900
12 M 26 AN	480				1800			
12 M 26 S	660				1800			
12 M 26 SR	900	1080	1100	1200	1800	1800	1900	1950
				1300				2000
6 M 26.2	450	500	500	550	1800	1800	1900	1900
				600				1950
8 M 26.2	600	668	668	700	1800	1800	1900	1900
			733	800			1900	1950
12 M 26.2	900	1000	1000	1100	1800	1800	1900	1900
				1200				1950
6 M 26.3	600	660	700	750	1800	1800	2000	2100
				815				2100
12 M 26.3	1200	1320	1400	1500	1800	1800	2100	2200
				1650				2300
6 M 33.2		650	700	750		1800	1800	1800
12 M 33.2		1300	1400	1500		1800	1800	1800

6 R 102 SR	226	250	275	320	2350	2500	2600	2700
6 R 120 AN	160				1800			
6 R 120 S	240				1800			
6 R 120 SR	300	326	340	375	1800	2000	2000	2000
				450				2200
6 R 123 SR	350	400			1800	2000		
6 R 124 SR	400	460	500	600	1800	1900	2000	2300

4 S 108	85				2200			
4 S 108 S	130	140			2200	2400		
4 S 108 SR	150	170			2200	2400		

6 S 108	130				2200			
6 S 108 SR	220				2200			
6 S 108 SRP	250	275	310		2200	2500	2500	

6 S 111 SR	280				2000			
6 S 111 SRP		350	410			2100	2100	

V6 TI 330	242	254			2600	2800		
V12 BTI 600	500	550	600		2820	2910	3000	
V12 BTI 840.3	680	750	820		2680	2770	2850	

4 W 105 M		130				2100		
6 W 105 M	126	185	228	252	1800	2100	2425	2500
6 W 126 M	275	400	450		1600	1800	2100	

BETA	HP	RPM
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BD 662	17.0	3600
BD 722	20.0	3600
BD 1005	25.0	3600

BF 2803	62.0	2800
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BV 1205	30.0	3600
BV 1305	33.5	3600
BV 1505	35.0	3000
BV 1903	43.0	2800
BV 2203	50.0	2800
BV 3300	75.0	2600
BV 3800	90.0	2600

BZ 482	12.5	3600
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Beta 10	10.0	3000
Beta 14	13.3	3600
Beta 16	16.7	3600
Beta 20	20.0	3600
Beta 25	24.8	3600
Beta 30	30.0	3600
Beta 35	35.0	2800
Beta 38	38.0	3600
Beta 43	43.0	2800
Beta 45	45.0	3000
Beta 50	50.0	2800
Beta 60	56.0	2700
Beta 75	75.0	2600
Beta 85	83.0	2800
Beta 90	90.0	2600
Beta 105	99.0	2600
Beta 150	147.0	2800

Motor ISO 8665 göre % 18 oranında güç kaybediyor.

BMC	HP		RPM	
1.5 Litre 15 V				4400
1.8 Litre 18 V				4900
2.5 Litre 25 V				3850
3.8 Litre	53.0	67.0	2000	2400
5.7 Litre	80.0	100.0	2000	2400

4 / 98 (leyland)	75.0		2600	
6 / 98 (leyland)	120.0		2600	

Araç-Vehicle-**ps** horsepower

1800 cc (leyland) (Levend 60)	52.0		4250	
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2.8 Cri –110	112.0		3600	
2.8 Cri - 130	130.0		3800	

Cummins ISBe170-30	170.0		2500	
Cummins ISBe4+185	185.0		2500	
Cummins ISBe4+250	250.0		2500	
Cummins ISBe4+285	285.0		2500	
Cummins B160	162.0		2500	
Cummins B215	215.0		2500	
Cummins B230-15	235.0		2500	
Cummins B235-20	235.0		2500	
Cummins C260-21	256.0		2400	
Cummins C8.3 260-10	263.0		2200	
Cummins Isle4-400	400.0		2100	

Nissan BD 30	100.0		3800	
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BMW	Ps-HP	RPM
B 190	165.0	5500
B 220	190.0	5500

D 7	6.0	3600
D 8	8.2	3000
D 12	10.0	3000
D 35	30.0	3000
D 50	45.0	3000
D 150	136.0	3600
D 190	165.0	3800

BPM	PSHP	RPM
Vulcano 375	348.0	4000
Vulcano 450	396.0	4500
Vulcano 450 H	580.0	5100
Vulcano 450 S	470.0	4700
V 12 /620	510.0	4200
V 12/ 620 S	630.0	4500
V 12/620 SH	750.0	4800

BRIGGS & STRATTON	psHP	RPM
Cast Iron 243400	10.0	3600
Cast Iron 326400	16.0	3600
Genpower 93232	3.5	3600
Genpower 135200	5.0	3600
Genpower 19C400	9.0	3600
Genpower 19F400	10.0	3600
Industrial Plus 93400	3.5	3600
Industrial Plus 133400	5.0	3600
Industrial Plus 196400	8.0	3600
Industrial Plus 226400	10.0	3600
Industrial Plus 256400	11.0	3600
Industrial Plus 422437	16.0	3600
Industrial Plus 422447	18.0	3600
Vanguard 85400	4.0	3600
Vanguard 115400	5.5	3600
Vanguard 185400	9.0	3600
Vanguard 235400	11.0	3600
Vanguard 245400	13.0	3600
Vanguard 294400	14.0	3600
Vanguard 303400	16.0	3600

BUKH	psHP			RPM		
D 170 J Solas	170.0			3800		
D 250 J Solas	250.0			3800		
DV 10 ME	6.5	8.4	10.0	2000	2400	3000
DV 24 ME	19.0	22.4	24.0	2400	3000	3600
DV 36 ME	25.0	31.0	36.0	2400	3000	3600
DV 48 RME	32.0	43.5	48.0	2400	3000	3600
EPA 28	28.0			3600		
EPA 36	36.0			3000		
EPA 48	48.0			2800		
MO 144 M 38	144.0			3800		
MO 164 M 40	163.0			4000		
SE 236 E 40	231.0			3550/4050		
SE 236 S 36	231.0			3350/3650		
SE 266 S 36	258.0			3350/3650		
SE 266 S 40	258.0			4000		
SE 306 J 38	292.0			3550/3850		
VGT 350 (VGT 32)	350.0			3350/3650		
VGT 450 (VGT 32)	450.0			3350/3650		
VGT 500 (VGT32)	500.0			3350/3650		
U 125J	125.0			4000		
S 250J	250.0			3800		

CANALINE	Ps-HP	RPM
Canaline 25	22.0	2800
Canaline 30	28.0	2600
Canaline 38	38.0	2600
Canaline 42	42.0	3000
Canaline 52	52.0	3000
Canaline 60	60.0	3000
Canaline 70	65.0	3000

CATERPILLAR	bHP			RPM			
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D 399	1000	1240	1380	1225	1225	1300
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3011C	26.1			3000
3013C	33.7			3000
3014C	45.6			3000
3024C	50.9			3000
3024CT	50.9			2800

3044C	63.0			2600
3044CT	80.5			2600

3054CT	100.0			2200	
3054C ATAAC	130.0			2200	
3054E	85.8			2400	
3054ET	115.0			2200	
3054E ATAAC	140.0			2200	
3054 NA	76.0	87.0		2400	2600
3054 T	96.0	111.0		2400	2600

3056E ATAAC	174			2500		
3056	125	185	205	2600	2100	2500
3056 NA	114	129		2400	2600	
3056 T	140	159		2400	2600	
3056 TA	160	181		2400	2600	

3116	205	230	255	275	2400	2400	2600	2600
	280	300	310	325	2600	2800	2600	2800
	350				2800			
3116 T	115	130	140	140	1800	2200	2200	2400
	145	150	155	160	2200	2400	2400	2200
	165	170	180		2400	2600	2600	
3116 TA	130	140	150	160	1800	2200	2400	1800
	165	175	180	190	2400	2400	1800	2200
	190	195	200	210	2600	2200	2400	2400
			220	225			2400	2200
3116 TA	175	185	190	195	2200	2200	2400	2200
	200	205	210	220	2400	2200	2400	2200
	220	230	230	240	2600	2400	2600	2600
	260	270			2600	2600		
3116 ATAAC	230	275			2450	2450		

3126	310	350	370	385	2400	2800	2600	2800
	420				2800			
3126 ATAAC	250	300			2200	2200		

3160	150	210	225		2400	2800	2800	
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3176 B	450	525	600		2300	2300	2300	
3176 C	570	600			2300	2300		
3176 ATAAC	310	335	365	390	2100	2100	2100	2100
				425				2100

3196	340	385	490	570	1800	1800	2300	2300
	600	660			2300	2300		

3208	150	180	210	215	2400	2400	2800	2400
	235	255	275	290	2400	2400	2400	2800
	300	315	320	340	2800	2600	2800	2800
	375	435			2800	2800		
3208 NA	125	150	175	175	2400	2400	2400	2800
				210				2800
3208 T	150	170	175	175	2400	2200	2200	2400
	185	195	200	210	2200	2200	2400	2600
	220	225	230	235	2400	2400	2400	2400
	245	250	260	285	2400	2600	2600	2600
				295				2600
3208 ATAAC	275	280	300	315	2400	2400	2600	2600
				330				2600

3304 B	85	100	125	140	2000	2200	2000	2000
	165	180	190		2200	2200	2200	
3304 PCNA	85	100			2000	2200		
3304 PCT	125	165			2000	2200		
3304 NA	85	90	100		2000	2000	2200	
3304 T	125	150	165	175	2000	2000	2200	2200
				185				2200

33054 C	85.8				2400			
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3306 B	190	215	220	235	2000	2000	2000	2000
	250	250	270	280	2000	2200	2200	2200
	290	315	335	350	2200	2200	2200	2200
	355				2200			

3306 NA	125	135	150	160	2000	2000	2200	2200
	170				2200			
3306 T	155	170	175	190	2000	2000	2000	2000
	200	200	210	215	2000	2200	2000	2200
	225	225	250	265	2000	2200	2200	2200
	275				2200			
3306 TA	210	230	250	260	2000	2000	2200	2000
	265	275	290	295	2200	2200	2000	2000
	300	310	320	325	2200	2200	2200	2200
	330	335			2200	2200		
3306 PCTA	215	270			2000	2200		
3306 PCT	190	250			2000	2200		
3306 PCNA	125	150			2000	2200		

3406 C	250	275	300	310	1800	1200	1800	1350
	322	348	365	380	1800	2100	1800	1800
	400	402	440	480	1800	2100	2100	2100
	535	580			2100	2100		

3406 E	450	475	550	600	1800	1800	2100	2100
	700	800			2100	2100		

3408 C	350	375	394	402	1250	1300	1350	1800
	455	470	480	510	1800	1800	1800	2100
	515	535	540	570	2100	2100	2100	2100
	585	600	700	800	2100	2300	2300	2300

3412 C	425	475	503	540	1200	1200	1800	1800
	600	615	624	635	1800	1800	1800	1800
	650	671	720	750	1800	1800	1800	2100
	764	825	850	850	2100	2100	2300	2100
	900	925	1000	1000	2100	2100	2100	2300
	1050	1150	1300	1350	2300	2300	2300	2300

3412 D	542	617	651	750	1800	1800	1800	1800
	720	848	873		1800	1800	2100	

3412 E	425	475	503	540	1200	1200	1800	1800
	600	615	635	650	1800	1800	1800	1800
	720	752	752	800	1800	2100	2300	2300
	825	850	850	900	2100	2100	2300	2100
	900	925	950	1000	2300	2100	2300	2100
	1000	1050	1100	1200	2300	2300	2300	2300

	1250	1300	1350	1400	2300	2300	2300	2300
3508	600	705	775	775	1200	1200	1800	1600
	805	820	850	855	1300	1300	1800	1600
	855	905	940	960	1800	1600	1600	1800
	1000	1150			1800	1800		
3508 B	775	850	855	855	1200	1200	1600	1800
	900	960	960	1000	1200	1600	1800	1600
	1000	1050	1050	1100	1800	1600	1800	1600
	1100	1200	1300	1400	1800	1785	1835	1880
	1500				1925			
3508 C	775	850	900	1000	1200	1200	1200	1600
	1050	1100			1600	1600		
3508 EUI	855	855	905	940	1600	1800	1600	1600
	960	1000	1150		1800	1800	1800	
3512	900	1060	1175	1175	900	1200	1600	1800
	1200	1210	1254	1280	1200	1300	1200	1600
	1280	1300	1301	1410	1800	1200	1800	1200
	1410	1445	1500	1750	1600	1800	1800	1800
3512 B	990	1300	1350	1475	900	1200	1200	1200
	1500	1500	1575	1575	1600	1800	1600	1800
	1650	1650	1676	1750	1600	1800	1600	1600
	1800	1850	1950	2100	1785	1600	1835	1880
	2250				1925			
3512 C	1300	1400	1500	1600	1200	1200	1200	1200
	1700					1200		
	1280	1340	1359	1400	1600	1600	1600	1600
	1409	1500	1575	1600	1600	1600	1600	1600
	1649	1676	1749	1810	1600	1600	1600	1600
	1851	1911	2012		1600	1600	1600	
	1500	1575	1650	2250	1800	1800	1800	1800
	2365	2541	2551		1800	1800	1800	
3512 EUI	1280	1280	1445	1500	1600	1800	1800	1800
	1750				1800			
3512 HD	1927	2001	2293	2575	1820	1815	1807	1800

3516	1200	1410	1550	1550	900	1200	1600	1800
	1600	1610	1665	1675	1200	1200	1200	1200
	1700	1710	1710	1750	1800	1600	1800	1200
	1920	2000	2200	2400	1800	1800	1800	1785
	2600	2800	3000		1835	1880	1925	

3516 B	1320	1650	1750	1850	900	1200	1200	1200
	2000	2000	2100	2100	1600	1800	1600	1800
	2200	2200	2260	2375	1600	1800	1600	1600
	2400	2500	2600	2800	1785	1600	1835	1880
	3000				1925			

3516 C	3151	3386			1800	1800		
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3516 EUI	1710	1710	1920	2000	1600	1800	1800	1800
	2200				1800			

C7	250	275	315	370	2400	2400	2400	2600
	420	455			2800	2800		

C7 Acert	455				2800			
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C 8.7	641				2300			
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C9 Acert	503	567			2500	2500		
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C12	340	385	454	490	1800	1800	2100	2300
	570	600	660	705	2300	2300	2300	2300

C 12.9	838	985			2300	2300		
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C12 Acert	660	705			2300	2300		
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C15 Acert	800	853			2300	2300		
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C 175.16	2683	2792	2907		1600	1600	1600	
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C18	454	479	553	587	1800	1800	2100	1800
	600	671	715	873	1800	2100	2100	2200
	1001	1136			2300	2300		

C18 Acert	454	479	553	600	1800	1800	2100	1800
	670	715	803	873	2100	2100	2100	2200
	918	1001	1136		2100	2300	2300	

C30	1500	1550			2300	2300		
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C32	1100	1401	1550	1652	2100	2300	2300	2300
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C32 Acert	660	660	750	750	1600	1800	1600	1800
	850	850	950	1000	1600	1800	1600	1600
	1000	1200	1200	1300	1800	1800	2000	2100
	1300	1450	1450	1600	1800	2100	2300	2100
	1600	1700	1700	1800	2300	2150	2300	2300
	1900				2300			

CHANGFA	HP		RPM	
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CF 6	5.4	6.0	3000	3000
CF 8	7.3	8.0	2600	2600
CF 13	11.8	13.0	2400	2400
CF 15	12.7	15.0	2400	2400
CF 16	14.0	16.0	2400	2400
CF 18	16.5	18.0	2200	2200
CF 22	20.0	22.0	2200	2200
CF 25	22.3	25.0	2300	2300
CF 28	25.0	28.0	2200	2200
CF 30	27.3	30.0	2200	2200
CF 33	28.8	33.0	2200	2200
CF 36	32.0	36.0	2200	2200
CF 40	36.5	40.0	2200	2200

CF 170 F	3.4	3.8	3000	3000
Cf 170 FE	3.8	4.2	3600	3600
CF 178 F	5.0	5.5	3000	3000
CF 178 FE	5.5	6.0	3600	3600
CF 180 F	5.5	6.0	3000	3000
CF 180 FE	6.0	6.5	3600	3600
CF 186 F	7.8	8.6	3000	3000
CF 186 FE	8.6	9.4	3600	3600
CF 188 F	9.4	10.3	3000	3000
CF 188 FE	10.2	11.2	3600	3600
CF 192 F	10.3	11.3	3000	3000
CF 192 FE	11.3	12.4	3600	3600

CF 4102Q	90.0		3000	
CF 4C60G	65.8		2400	
CF 4C86G-Z	85.7		2400	
CF 4C48D	47.6		1500	
CF 4C 56D	55.8		1800	
CF 4C60D-Z	59.8		1500	
CF 4C60T	60.0		2300	
CF 4C80T-Z	80.0		2300	

ZS 1115 G	20.0		2200	
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CHRYSLER	bhpHP	RPM		
273-BV	200.0	4000		
LM 318 A	215.0	4000-4600		
LM 318 B	235.0	4000-4600		
318-BV	225.0	4000		
340-BV	250.0	4000		
M 360 A	240.0	4000-4600		
M 360 B	260.0	4000-4600		
375- Mover	375.0	4600		
400-BV	280.0	4000		
440-BV	330.0	4300		
Dizel Motorlari				
CM6-55NA	130.0	3150		
CM6-55TW III	200.0	3150		
CM6-67NA	122.0	154.0	2700	3000

CKD Marine	psHP			RPM
6 L 150 PV-2	350			1500
6 S 350 PN	1000			375
6 L 525 II PV	3000			250
9 TS 35/50-2	1670			375
9 L 350 II PS	1670			375
LS 350 M	332			500
6-27.5 B8	1795	1877	1686	750
8-27.5 B8	2394	2502	2258	750
12 V 27.5 B8	3591	3754	3373	750

CNG	Ps-HP			RPM		
CY 4A 22	34.5			3000		
CY 4A 22 Ti	48.0			3000		
CY 4 A 50 – C 3A	68.0			3200		
CY 4 A 60 – C 3A	82.0			3200		
CY 4 D 47 Ti (Isuzu)	157.0	164.0	170.0	2600	2600	2300
CY 4 D 115 – C3/D3 (Isuzu)	157.0			2600		
CY 4 D 120 – C3/D3 (Isuzu)	164.0			2600		
CY 4 D 125 – C3/D3 (Isuzu)	170.0			2300		
CY 4 100Q	90.0	95.0		3200	3200	
CY 4 100ZLQ	102.0	110.0		3200	2900	

CY 6102 BQ	140.0			3000		
CY 6102 B2Q	130.0			3000		
CY 6102 B3Q	120.0			2800		
CY 6102 BZQ	132	146	155 170	2800	2800	3000 2800
CY 6102 BZLQ	132	146	155 180	2800	2800	2800 2600

CY QD 32 T	110.0			3600		
CY QD 32 Ti	130.0	138.0		3600	3600	
CY QD 80 – E3	79.5			3600		

N GD 3.0	163.0			3800		
4102 BQ	95.3			3200		
4102 ZQ (4102 ZLQ)	120.0			2800		

CRAFTSMAN	PS-HP	RPM
CM 2.12	12.0	2500
CM 2.16 (Mitsubishi)	16.0	3600
CM 3.27 (Mitsubishi)	27.2	3600
CM 4.42 (Mitsubishi)	42.0	3000
CM 4.65 (Hyundai)	65.0	3000
CM 4.80 (Hyundai)	80.0	4000

CRUSADER	psHP		RPM	
4.3 lt V-6	180.0		4300	
Model 220	210.0		3900	
Model 270	245.0		4300	
Model 350	320.0		4400	
5.0 MPI	275.0		5000	
5.7 L HO MPI	330.0		5000	
5.7 L Classic	315.0		5000	
5.7 L Vortec	300.0		5000	
6.0 L HO MPI	375.0		5200	
8.1 L/8.1 L HO	385.0	425.0	4600	5000
9.0 Lt Diesel	190.0	225.0	2800	3200

CRM	psHP		RPM	
12 D/SS	1250	1375	2010	2075
	1360	1500	2050	2120

18 D/SS	1650	1815	2050	2120
18 D/SS BR-2	1910	2100	2050	2120
18 D/SS BR-3A	1950	2150	2080	2150
18 D/SS BR-3B	2081	2400	2180	2300

ASSO 1500	1360	1500	2050	2120
ASSO 2000	1740	2000	2180	2300

BR-1/2000	1680	1850	2020	2075
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CRUSADER	psHP		RPM	
4.3 lt V-6	180.0		4300	
Model 220	210.0		3900	
Model 270	245.0		4300	
Model 350	320.0		4400	
5.0 MPI	275.0		5000	
5.7 L HO MPI	330.0		5000	
5.7 L Classic	315.0		5000	
5.7 L Vortec	300.0		5000	
6.0 L HO MPI	375.0		5200	
8.1 L/8.1 L HO	385.0	425.0	4600	5000
9.0 Lt Diesel	190.0	225.0	2800	3200

CUMMINS	bHP				RPM			
Diamond 155B	155.0				2800			
Diamond 220B	220.0				2600			
Diamond 250B	250.0				2600			
Diamond 270B	270.0				2600			
Diamond 300B	300.0				2800			
Diamond 315	315.0				2800			
Diamond 330B	330.0				2800			
Diamond 370B	370.0				3000			
Diamond 400C	400.0				2600			
Diamond 420	420.0				2600			
Diamond 450C	450.0				2600			

4 B 3.9 M	63.0	76.0	80.0	2200	2500	2800
4 BT 3.9 M	105.0	130.0	150.0	2500	2500	2800
4 BTA 3.9 M * ps			250.0			3000

6 B 5.9 M	98.0	115.0	120.0	2200	2500	2800		
6 BT 5.9 I			162.0			2500		
6 BT 5.9 M	152.0	180.0	210.0	2500	2500	2600		
6 BTA 5.9 M	225.0	247.0	260.0	280.0	2500	2600	2600	2600
		287.0	315.0	355.0		2800	2800	3000
6 BTA 5.9 M 1		220.0	250.0		2500	2600		
6 BTA 5.9 M 2	250.0	300.0	315.0	2500	2800	2800		
6 BTA 5.9 M 3			355.0			3000		

6 C 8.3 M	150.0	160.0		2200	2500			
6 CT 8.3 I			214.0			2400		
6 CT 8.3 M	240.0	255.0	275.0	1800	2200	2500		
6 CTA 8.3 M	255.0	300.0	350.0	430.0	1800	2500	2500	2600
			480.0				2600	
6 CTA 8.3 M 1	250.0	280.0	300.0	2100	2200	2500		
6 CTA 8.3 M 2	350.0	400.0	430.0	2500	2600	2600		

6 CT C 210	210.0			2200		
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KT 19 M	365.0	380.0	425.0	470.0	510.0	1800	1800	1800	1800	2100
KTA 19 M	500.0	530.0	550.0	560.0	600.0	1800	1800	2100	2100	1800
KTA 19 M1	470.0	500.0	550.0			1800	1800	2100		
KTA 19 M2	580.0	680.0				1800	2100			
KTA 19 M3	500.0	530.0	600.0	640.0		1800	1800	1800	1800	
KTA 19 M4				700.0						2100

K 38 M			850.0	1000			1800	1800				
KT 38 M	800.0		850.0				1800	1950				
KTA 38 M	940.0		1045.0				1800	1950				
KTA 38 M 0	750.0		800.0	850.0			1600	1800	1800		1800	
KTA 38 M 1	900.0		1000.0	1100.0			1600	1800	1800		1800	
KTA 38 M 2	1050	1200	1300	1350	1400	1500	1600	1800	1800	1900	1950	2050
				1350						1950		

KTA 50 M	1250.0		1385.0				1800	1950				
KTA 50 M2	1400	1600	1700	1800	1875	2000	1600	1800	1800	1900	1950	2050
		1600						1900				

N 14 – M	360.0	400.0	440.0	480.0	525.0	1800	1800	1800	1800	2100
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N 855 M	195.0		215.0				1800	1950				
NT 855 M	240.0		300.0	360.0			1800	1800	2100			
NT 855 M	240.0	270.0	300.0	340.0	360.0		1800	1800	1800	1800	2100	
NTA 855 M	325.0	350.0	380.0	400.0	425.0		1800	1800	1800	2100	1800	

QSB 4.5	110	130	160	170	2500	2500	2500	2500
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QSB 5.9	230	230	305	330	3000	2600	2600	2800
	355	380	425	440	2800	3000	3000	3400
	480				3400			
QSB 6.7			473	542			3300	3300
	227	349	375	419	3000	2800	3000	3000
	247	247	301	350	2600	3000	2600	3000
QSB 8.3			493	592			2600	2800
QSC 8.3	493	543	592	592	2600	3000	2800	3000
				593				3000
QSL 9.0	281	285	326	330	1800	1800	1800	1800
			400	404			2100	2100

QSM 11	295	350	400	450	1800	1800	2100	2100
	580	602	636	661	2300	2300	2300	2300
			705	715			2500	2500
QSK 19-M	500	600	660	750	1800	1800	1800	1800
			760	800			2100	2100
QSK 38-M	1200	1300	1350	1400	1800	1800	1900	1800
QSK 38-M1	1000	1300	1300	1400	1800	1600	1800	1600
			1400	1400			1800	1900

QSK 50-M	1600	1700	1800	1800	1800	1800	1800	1900
QSK 50-M1	1700	1700	1800	1800	1600	1800	1600	1800
	1800	2200			1900	2000		
QSK 60-M	2000	2000	2200	2300	1600	1800	1800	1900
	2500	2680	2700		1900	1900	1900	
QSK 78	3500				1900			

QSL – 261	350.0			2100
QSL – 242	325.0			2000
QSL – 224	300.0			2100
QSL – 209	280.0			2100
QSL – 186	250.0			2200

Signature 600	600.0			2100
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VTA - 28 M	675.0	725.0		1800	2100	
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V 504 M	170.0		195.0	2800	3000
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V 555 M	185.0		215.0	2800	3000
VT 555 M	270.0		320.0	2800	3000

VT 903 M	285.0	355.0	425.0	2300	2600	2800
VTA 903 M	320.0	380.0	450.0	2300	2600	2800

VT 1710 M	490.0	545.0	635.0	1800	1950	2100
VTA 1710 M1	545.0	605.0	700.0	1800	1950	2100
VTA 1710 M2	620.0	690.0	800.0	1800	1950	2100

CUMMINS	HP			RPM
	Jeneratör			
	Continuous	Prima	Standby	Rpm
4 B 3.9-G2		60.0	68.0	1800
4 B 3.9-G3		60.0	68.0	1800
4 B 3.9-G4		93.0	102.0	1800
4 B 3.9-G5		93.0	102.0	1800
4 B 3.9-G6		150.0	166.0	1800
6 BT 3.9 Truck Diesel	105.0			2500
6 BT 5.9-G5	75.0	104.0	115.0	1500
	100.0	122.0	135.0	1800
6 BT 5.9-G6		150.0	166.0	1800
6 BTA 5.9 F1			182.0	1760
			208.0	2100
6 BTTA 5.9-G5	182.0	263.0	290.0	1500
6 CT 8.3-G		188.0	207.0	1800
6 CTA 8.3-G		252.0	277.0	1800
6 CTA 8.3-G1		285.0	317.0	1800
6 CTA 8.3-G2		219.0	241.0	1500
		252.0	277.0	1800
6 CTA A 8.3-G1	200.0	245.0	272.0	1500
	235.0	285.0	317.0	1800
6 CTA A 8.3-G2 (Dongfeng)	200.0	245.0	272.0	1500
		255.0	281.0	1800
6 CT/6CTA8.3-D(M)	164.0	219.0	220.0	1500
	188.0	242.0	252.0	1800
			270.0	
NT 855-G4		340.0	375.0	1800
NT 855-G5		355.0	390.0	1800
NT 855-G6		395.0	435.0	1800
NTA 855-G2		420.0	465.0	1800
NTA 855-G3	375.0	480.0	535.0	1800

NTA 855-G5			605.0	1800
KTA 19-G1		505.0	560.0	1800
KTA 19-G2		525.0	600.0	1800
KTA 19-G3		620.0	685.0	1800
KTTA 19-G2		680.0	750.0	1800
KTA 38-G1		1030.0	1135.0	1800
KTA 38-G2	810.0	890.0	980.0	1500
	900.0	1085.0	1200.0	1800
KTA 38-G3		1220.0	1340.0	1800
KTA 38-G4		1350.0	1490.0	1800
KTA 50-G1	1475.0	1608.0	1915.0	1500
KTA 50-G2	1180.0	1350.0	1620.0	1800
KTA 50-G3	1206.0	1470.0	1645.0	1500
	1340.0	1635.0	1850.0	1800
KTA 50-G8	1475.0	1608.0	1915.0	1500
KTA 50-GS8		1725.0	1915.0	1500
KTA 50-G9	1640.0	1855.0	2220.0	1800
KTTA 50-G2	1640.0	1855.0	2220.0	1800
LTA 10-G1		345.0	380.0	1800
S 3.8 – G6	45.7	65.3	71.9	1500
S 3.8 – G7	55.9	79.9	87.0	1500
QSK23-G1 NR1	580.0	770.0	850.0	1500
	675.0	815.0	905.0	1800
QSL9-G3 Nr3	259.0	305.0	345.0	1500
	299.0	352.0	399.0	1800
QSL9-G5	305.0	359.0	415.0	1500
	350.0	412.0	476.0	1800
QSK60-G6 Non-Road 1	2332.0	2647.0	2922.0	1800

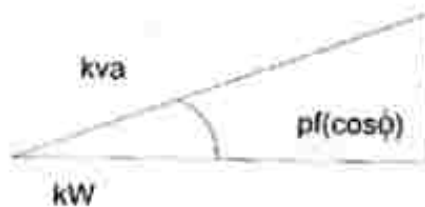
QST 30-G1		1030.0	1135.0	1800
QST 30-G2		1085.0	1200.0	1800
QST 30-G3	850.0	1080.0	1200.0	1500
	980.0	1220.0	1350.0	1800
QST 30-G4	915.0	1180.0	1300.0	1500
	1115.0	1350.0	1490.0	1800
QSX15-G7	435.0	620.0	685.0	1800
QSX15-G9 NonRoad 1	475.0	680.0	755.0	1800
VTA 28-D(M)	675.0	815.0	900.0	1800
VTA 28-G5	660.0	750.0	825.0	1500
	675.0	815.0	900.0	1800
VTA 28-G6		675.0	742.5	1500
		736.0	810.0	1800
X 2.5 G4	26.95	34.65	38.5	1800
X 3.3 G2	39.40	48.00	56.00	1800

Net Engine Output = 0.9775 * Gross Engine Output

Electric Formulae

To Find	Ac 1 ϕ	Ac 3 ϕ	DC
Amps (HP known)	$\frac{746 \text{ (HP)}}{E \text{ (eff) (pf)}}$	$\frac{746 \text{ (HP)}}{1.73E \text{ (eff)(pf)}}$	$\frac{746 \text{ (HP)}}{E \text{ (eff)}}$
Amps (kW known)	$\frac{1000 \text{ (kW)}}{E \text{ (pf)}}$	$\frac{1000 \text{ (kW)}}{1.73E \text{ (pf)}}$	$\frac{1000 \text{ (kW)}}{E}$
Amps (kva known)	$\frac{1000 \text{ (kva)}}{E}$	$\frac{1000 \text{ (kva)}}{1.73E}$	
HP (output)	$\frac{E \text{ (eff) (pf)}}{746}$	$\frac{1.73E \text{ (eff) (pf)}}{746}$	$\frac{E \text{ (eff)}}{746}$
kva	$\frac{EI}{1000}$	$\frac{1.73EI}{1000}$	

Power Triangle



- E = Voltage (volts)
- I = current (amperes)
- HP = Mechanical Power (horsepower)
- kva = Apparent Power (kilovolt amps)
- kW = Electrical Power (kilowatts)
- eff = Efficiency
- pf = Power Factor = $\cos \phi$

CUMMINS- MERCUISER	mHP	RPM

QSB 5.9-		
HD	230.0	2600
HO	230.0	3000
HO	230.0	2600
HO	305.0	2600
HO	330.0	2800
HO	355.0	2800
HO	380.0	3000
HO	425.0	3000
HO	440.0	3400
HO	480.0	3400
INT	230.0	3000
INT	355.0	2800
MCD	305.0	2600

QSB 5.9 – 490	490.0	2500
QSB 5.9 – 500	500.0	2600
QSB 5.9 – 540	540.0	2600

QSC 8.3-		
HO	490.0	2500
HO	500.0	2600
HO	540.0	2600
HO	550.0	3000
HO	600.0	3000

QSD 4.2-					
HO	167.0	198.0	217.0	3200	
HO	197.0	234.0	256.0	3400	
HO	230.0	273.0	297.0	3600	
HO	266.0	315.0	344.0	3800	

QSL9-		
CON	285.0	1800
CON	300.0	1800
CON	355.0	1800
HD	330.0	1800
HO	285.0	1800
HO	330.0	1800
HO	405.0	2100
HO	330.0	1800
HO	300.0	1800
MCD	405.0	2100

QSM 11-		
HO	355.0	1800
HO	405.0	2100
HO	455.0	2100
HO	610.0	2300
HO	670.0	2300
HD	405.0	2100
INT	610.0	2300
M	645.0	2300
M	715.0	2500
MCD	455.0	2100

MR 504		
LH	115.0	4000
LH	130.0	4000
LH	150.0	4000

MR704		
LH	128.0	4000
LH	170.0	3800
LH	230.0	3800
LH	207.0	3800

MR706		
LH	270.0	3800
LH	320.0	3800
LH	350.0	3800

BC 704 LH	230.0	3800
1.7 MS 120 (MI)	120.0	4400
2.8 ES 170 (EI-EJ)	170.0	3800
2.8 ES 200 (EI-EJ)	200.0	3800
4.2 MS 200 (MI)	200.0	3600
4.2 MS 230 (MI)	230.0	3800
4.2 ES 250 (EI-EJ)	250.0	3800
4.2 ES 270 (EI)	270.0	3800
4.2 ES 320 (EI)	320.0	3900

DAE DONG	psHP		RPM	
DD 4 AF	73.0		2700	
DD 4 AN	67.0		2700	
DD 4 AK	93.0		3000	
DD 4 BB	80.0		4000	
DD 4 DA	130.0		2600	

DD 6 AC	335.0		2150	
DD 6 AT2	278.0	300.0	2000	2100
DD 6 AU	165.0	180.0	2000	2100
DD 6 AZ	247.0	270.0	2000	2100
DD 6 BR	132.0		2200	
DD 6 BR-M2	185.0		2300	
DD 6 CE	550.0		2000	
DD 6 DA	251.0		2600	
DD 6 DC	500.0		2000	

DD 8 TA	420.0	450.0	2000	2100
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<i>Kullanılan Şanzımanlar</i>							
DMT 18 A	1.64	2.17	2.52	3.13	3.32		: 1
DMT 25 AL	1.64	2.07	2.52	2.96	3.32		: 1
DMT 50 A – 70 T	1.61	2.06	2.45	2.82	3.12	3.46	: 1
DMT 110 A	1.77	2.09	2.45	2.82	3.19		: 1
DMT 140 H		1.97	2.57		3.03	3.46	: 1
DMT 240 H	1.50	1.97	2.44		2.93	3.40	: 1
DMT P 7500				3.56	4.13	4.59	: 1

DAEWOO	PS-HP			RPM		
(* Man Marinize)						
D 1146	148.0	156.0	2200	2200		
D 1146 T	180.0	190.0	2200	2200		
D 1146 TI	208.0	220.0	2200	2200		
DB 33	63.0	72.0	3000	3000		
DB 33 A	60.0		2300			
DB 58	115.0	130.0	2800	2800		
DB 58 T	122.0	142.0	2500	2500		
DB 58 TI	138.0	152.0	2200	2200		
DB 58 S	100.0		2200			
DB 58 TIS	172.0		2200			
DC 23	50.0		3000			
DC 24	47.0	56.0	3000	3000		
DC 24 T	55.0		2600			
DL 06	225.0		2000			
DL 08	300.0		2200			
DE 08 TS	160.0		2200			
DE 08 TIS	205.0		1900			
DE 12	225.0		2200			
DE 12 T	242.0	255.0	2000	2000		
DE 12 TI	275.0	290.0	2000	2000		
DE 12 TIS	306.0		2000			
DV 11	400.0		1800			
DV 15 T	311.0	324.0	2300	2300		
DV 15 TI	420.0		2100			
MD 136	160.0	165.0	180.0	2200	2300	2500
MD 136 T	200.0	210.0	230.0	2200	2300	2500
MD 136 TI	230.0	240.0	255.0	2200	2300	2500
MD 180 TI (Man D28 Serie)	490.0	560.0	635.0	1800	2100	2300
MD 182 TI (Man D28 Serie)	590.0	680.0	760.0	1800	2100	2300
MD 186 T	240.0			2000		
MD 188 T (Man D28 Serie)	290.0			1800		
MD 188 TI (Man D28 Serie)	390.0	450.0	510.0	1800	2100	2300

MD 196 T	280.0	285.0	295.0	2000	2100	2200
MD 196 TI	320.0	330.0	340.0	2000	2100	2200
L 034	70.0			3000		
L 034 TI	120.0	135.0	145.0	3000	3300	3600
L 066 TIH	180.0			2200		
L 086 TIH	285.0	315.0	360.0	2100	2300	2500
L 086 TIM	315.0			2300		
L 126 TI	360.0	400.0	450.0	2000	2100	2200
L 136			160.0			2200
L 136 T		200.0	240.0		2200	2500
L 136 TI		230.0			2200	
V 158 TI	480.0	540.0	680.0	1800	2100	2300
4V 158 TI	530.0	600.0	800.0	1800	2100	2300
V 180 TI	600.0	650.0	820.0	1800	2100	2300
V 180 TI E	420.0			1800		
V 222 TI	720.0	800.0	1000.0	1800	2100	2300
4V 222 TI	800.0	880.0	1200.0	1800	2100	2300

DAF		psHP			RPM		
DD	575 M	87.0	105.0	2100	2400		
DS	575 M	105.0			2100		
DF	615 M	81.0	88.0	97.0	1800	2000	2200
DT	615 M	125.0			2100		
DH	825 M	136.0			2100		
DK	1160 M	170.0	195.0		2000	2200	
DKA	1160 M	198.0			1900		
DKVD	1160 M	211.0			2000		
DKT	1160 M (DKV)	250.0	280.0		2000	2200	
DKS	1160 M	272.0	320.0		1900	2200	
DKXD	1160 M	315.0			2200		
DKX	1160 M	320.0			2000		
DKX	1160 A	292.0	343.0		1900	2200	
DKZ	1160 M	360.0			2000		
DLX	1160 M	355.0			2200		

DEK	psHP		RPM	

F 210	3.4	3.8	3000	3000
	3.8	4.2	3600	3600
F 220	3.8	4.2	3000	3000
	4.2	4.6	3600	3600
F 300	5.5	6.1	3000	3000
	6.0	6.6	3600	3600
F 310	5.8	6.5	3000	3000
	6.5	7.2	3600	3600
F 400	7.7	8.8	3000	3000
	9.0	10.0	3600	3600
F 420	8.8	9.6	3000	3000
	9.6	10.5	3600	3600
F 440	9.0	9.8	3000	3000
	9.8	11.0	3600	3600
F 460	9.2	10.5	3000	3000
	10.5	12.0	3600	3600

DJ 160		4.5	3600	
DJ 200		5.5	3600	
DJ 240		6.5	3600	
DJ 270	(E)	8.0	3600	
DJ 340		9.0	3600	
DJ 390	(E)	10.5	3600	

DETROIT-DIESEL	Enjektor	(Bhp) SHP				RPM			
6.2 T		160.0				3600			
6.2 TI		205.0				3600			

7.6 LT (Series 40)		170	190	195	210	2500	2500	2400	2400
7.6 LTA (Series 40)		250	275			2400	2400		

8.2 T (200) * shp	4C65	191.0				2800			
(205) * shp	4C65	195.0				3000			
(210) * shp	4T70	200.0				2800			
(211) * shp	4A70	211.0				3200			
(250) * shp	4T80	240.0				3200			
8.2 TI (300) * shp	4R90	285.0				3200			

8.7 LT (Series 40)		225				2200			
8.7 LTA (Series 40)		250	275	300	300	2000	2000	2000	2200

3-53 (101) * shp	N50	73.0	92.0	2400	2800
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4-53 N (140) * shp	N50	100.0	128.0	2400	2800
4-53 T (180) * shp			170.0		2500

6V-53 (216) * shp	N50		197.0		2800
			350.0 bhp		2800
6V-53N			160.0		2400
6V-53T	5N65	275.0	300.0	2800	2800
	5N65	220.0		2400	
	N70		320.0		2800
6V-53TA			350.0		2800
6V-53TI (400) * shp	6840		382.0		2800

4-71 (175) * shp		115.0	160.0	2300	2300
4-71 (325) * shp			310.0		2600

6-71	(210)	* shp	N50		203.0		2100
				228.0	250.0	2100	2300
6-71 M					267.0		2300
6-71 N	(240)	* shp	7E65		230.0		2100
6-71 NC	(218)	* shp	B60		210.0		2100
6-71 T			N70		250.0		2100
			N75		262.0		2100
6-71 T A				260.0	375.0	2100	2300
					435.0		2300
6-71 TI				430.0	465.0	2500	2500

8-71	(350)	* shp	N55-N70	230.0	325.0	1800	2300
				349.0	462.0	2100	2300
				304.0	333.0	2100	2300

12V-71	(359)	* shp	N55		340.0		1800
	(456)	* shp	N65		437.0		2100
	(460)	* shp	7N65		438.0		2100
	(504)	* shp	N70		480.0		2300
12V-71 N					370.0		2100
12V-71 TA				439.0	633.0	1800	2300
	(800)	* shp	7015-M95		775.0		2300
	(900)	* shp	7030-M15		870.0		2300
12V-71 TA DDEC					647.0		2100
12V-71 TI	(525)	* shp	N70		490.0		2300
	(539)	* shp	N70		510.0		2100
	(675)	* shp	N90		650.0		2300
	(750)	* shp	7N95		720.0		2300
	(870)	* shp	9215		840.0		2300

16V-71TI	(478)	* shp	N55		455.0		1800
	(608)	* shp	C65		583.0		2100
	(666)	* shp	N70		640.0		2300

6V-92	(239) * shp	9275		230.0		1800
	(270) * shp	9280		260.0		2100
	(291) * shp	9285		280.0		2300
6V-92 TA	(270) * shp	7G75	260.0	345.0	1800	2100
	(320) * shp	9B85		320.0		2100
	(335) * shp	9290		325.0		2100
	(355) * shp	7G75		345.0		2100
	(450) * shp	M15		435.0		2300
	(475) * shp	9225		465.0		2300
	(475) * shp			455.0		2300
	(550) * shp	145		535.0		2300
6V-92 TA	DDEC(565) shp			545.0		2300

8V-92	(313) * shp	9275		300.0		1800
	(360) * shp	9280		350.0		2100
	(388) * shp	9285		375.0		2300
8V-92 TI	(471) * shp	9290		460.0		2100
	(600) * shp	9215		585.0		2300
	(635) * shp	9225		635.0		2300
				650.0		2300
8V-92 TA	(365) * shp	9E80		350.0		1800
	(500) * shp	9A98		490.0		2100
	(650) * shp			625.0		2300
	(735) * shp	145		705.0		2300
8V-92 TA	DDEC (440) *			425.0		1800
	(530) * shp			510.0		2100
	(760) * shp	145		735.0		2300

12V-92 TA	(520) * shp	7G75		504.0		1800
	(530) * shp	7E75		510.0		1800
	(700) * shp	9G90		675.0		2100
	(710) * shp	9E95		680.0		2100
	(900) * shp			870.0		2300
	(1080) * shp	145		1040		2300
12V-92 TA	DDEC (815)*			790.0		2100
	(900) * shp			870.0		2300
	(1110) * shp			1075.0		2300

16V -92		9275		600.0		1800
	(710) * shp	9280		690.0		2100
	(750) * shp	9285		725.0		2100

16V-92 TA (960) * shp	9E95		920.0		2100
(1300) * shp			1254.0		2300
(1400) * shp	145		1350.0		2300
16V-92 TA DDEC (1450)			1400.0		2300

8V-149 TI			800.0		1900
8V-149 TI DDEC		630.0	800.0	1800	1800
(900) * shp			870.0		1900

12V-149 (700) * shp	120		675.0		1800
(800) * shp	130		770.0		1900
(915-950) * shp	140	885.0	920.0	1800	1900
(940) * shp			912.0		1800
(1050-1100) * shp	145	1015.0	1064.0	1900	1900
(1250) * shp	165		1210.0		1900
12V-149 TI DDEC			930.0		1800
(960) * shp					
(1200) * shp			1165.0		1800
(1350) * shp			1310.0		1800
(1800) * shp			1740.0		2100

16V-149 (930) * shp	120		900.0		1800
(1060) * shp	130		1025.0		1900
(1215-1260) * shp	140	1175.0	1220.0	1800	1900
(1280) * shp	140		1242.0		1800
(1385) * shp	145		1340.0		1900
(1515) * shp	150		1466.0		1900
(1800) * shp	190		1745.0		1900
16V-149TA		1254.0	1350.0	2300	2300
(1400-1300)*shp					
(1450) * shp			1400.0		2300
16V-149TI (1440) shp			1395.0		1800
(2000) shp	240		1935.0		1900
(1800) shp	190		1740.0		1900
16V-149 TI DDEC		1242.0	1747.0	1800	1800
(1280-1800) * shp					
(2200-2400) shp		2135.0	2330.0	2100	2100

Silver 92	6V-92TA		270	270	1800	2100
			290	300	1600	1800
			300	350	2100	2100
Silver 92	8V-92TA		350	350	1600	1800
			400	400	1800	2100
	9G90 (475)		450	475	2100	2100

3000	(800) * shp			776.0		2300
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DD 500T	(250) * shp			240.0		3200
DD 500TI	(300) * shp			285.0		3200

DD 13	- DDEC		350	370	380	1800	1800	1800
			410	435	450			
					470			
DD 15 (TC)	- DDEC		455	475	505	1800	1800	1800
DD 16	- DDEC		475	500	530	1800	1800	1800
				560	600			

DETROIT DIESEL ENGINES

MODEL	Seri No	Enjektör	HP	RPM
8.2T	4082-8301	4T70	210	2800
	4082-8300	4A70	220	3200
		4A65		
			4T80	250
4 – 53	5042-6000	N40	107	2400
	5042-4000	N45	120	2500
		N50	136	2800
6V- 53	5062-7000	N40	158	2400
	5062-3000	N45	186	2500
		N50	210	2800
6V-53T	5062-7300	5N65	275	2800
		N70	305	2800
6V-53TI	5062-5301	6840	400	2800
4V-71 N	1042-3000	N70	175	2300
	1042-5000	N65	160	2100
6V-71	7062-3000	N55	179	1800
	7062-7000	N65	229	2100
		N70	250	2300
	1062-3000	N70	265	2300

6V-71TA	7062-7601	N70	260	2100
		7N95	375	2300
		9215	435	2300
6V-71M	1062-3001	280	N80	2300
	1062-5000			
8V-71	7082-3000	N55	239	1800
	7082-7000	N65	304	2100
		N70	333	2300
8V-71TI	7082-3300	N70	349	2100
	7082-7300	N90	462	2300
12V-71N		N55	372	1800
		N65	478	2100
		N70	525	2300
12V-71	7122-3000 7122-7000	N55	359	1800
		N65	456	2100
		7N65	460	2100
		N70	500	2300
12V-71TI		9215	870	2300
		7N95	750	2300
		N70	558	2100
		N90	711	2300
12V-71TA	7122-7600	M15	900	2300
		M95	800	2300

16V-71	7162-3000	N55	478	1800
	7162-7000	C65	608	2100
		N70	666	2300
6V-92	8062-3000	9275	239	1800
	8062-7000	9280	270	2100
		9285	291	2300
6V-92TA	8062-3401	9290	335	2100
	8062-7401	9225	475	2300
		9215	465	2300
	8062-3404	M15	450	2300
	8062-7404			
	8062-3403 8062-7403	145	550	2300
8V-92	8082-3000	9275	313	1800
	8082-7000	9280	360	2100
		9285	388	2300
8V-92TI	8082-3301	9290	471	2100
	8082-7301	9215	600	2300
		9225	650	2300
8V-92TA		9B95	320	2100
		9A80	370	1800
	8082-3400	9A98	500	2100
	8082-7400	145	735	2300

12V-92TA		7G75	520	1800
		7E75	530	1800
		9G90	700	2100
		9E95	710	2100
		145	1080	2300
	8122-7400			

16V-92	8162-3000	9275	626	1800
	8162-7000	9280	720	2100
		9285	760	2100
16V-92TA	8162-7400	9E95	960	2100
		145	1400	2300

8V-149TI	9082-7301	140	640	1800
		150	760	1900
		160	800	1900
		190	900	1900
12V-149	9122-7000	120	700	1800
		130	800	1900
12V-149T	9122-7300	140	915	1800
		140	950	1900
		145	1050	1900
12V-149TI	9122-7301	140	940	1800
		145	1100	1900
		160	1200	1900
		165	1250	1900

16V-149	9162-7000	120	930	1800
		130	1060	1900
16V-149T	9162-7300	140	1215	1800
		140	1260	1900
		145	1385	1900
16V-149TI	9162-7301	140	1280	1800
		150	1515	1900
		190	1800	1900
		240	2000	1900
	9162-7411		2200	2100
	9162-7424			

Oktay Çemberci
23/03/2016

DEUTZ	HP							RPM						
DFP4-2011-T10		45	55	60	60	72	72		1760	2100	2350	2650	2800	3000
DFP4-2011-T20	51	69	71	72	78	81	81	1470	1760	2100	2350	2650	2800	3000

F 1L 208 D	3.6	4.5	5.15	6.75	7.65	8.1	1500	1800	2000	2500	2800	3000
F 1L 210 D	7.0	8.5	9.6	12.0	12.8	13.5	1500	1800	2000	2500	2800	3000

F 5L 413 FR	87	103	113	121	128		1500	1800	2000	2150	2300	
	93	109	118	128	133	140	1500	1800	2000	2150	2300	2500
	97	114	125	133	140	148	1500	1800	2000	2150	2300	2500

F 5L 413 FRW	109.0						2300					
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F 6 L 413 FR	105	125	136	145	152		1500	1800	2000	2150	2300	
	111	131	143	153	160	167	1500	1800	2000	2150	2300	2500
	116	137	150	160	168	177	1500	1800	2000	2150	2300	2500

F 6 L 413 FRW	130.0						2300					
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F 6 L 413 F	105	125	136	145	152		1500	1800	2000	2150	2300	
	111	131	125	136	145	152	1500	1800	2000	2150	2300	2500
	116	137	150	160	168	177	1500	1800	2000	2150	2300	2500
						182						2650

F 8 L 413 F	140	167	182	193	204		1500	1800	2000	2150	2300	
	148	175	190	203	214	225	1500	1800	2000	2150	2300	2500
	155	182	200	213	224	236	1500	1800	2000	2150	2300	2500
						245						2650

F 10 L 413 F	175	208	227	242	255		1500	1800	2000	2150	2300	
	185	218	238	255	267	280	1500	1800	2000	2150	2300	2500
	193	228	250	267	280	295	1500	1800	2000	2150	2300	2500
						305						2650

F 12 L 413 F	210	250	272	291	305		1500	1800	2000	2150	2300	
	223	262	286	306	320	335	1500	1800	2000	2150	2300	2500
	231	275	300	320	336	355	1500	1800	2000	2150	2300	2500
						365						2650

BF 6 L 413 F	132	163	178	186	194		1500	1800	2000	2150	2300	
	139	173	188	197	205	214	1500	1800	2000	2150	2300	2500
	146	182	199	208	216	227	1500	1800	2000	2150	2300	2500
						227						2650

BF 8 L 413 F	175	218	238	249	258		1500	1800	2000	2150	2300	
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	185	230	250	262	273	286	1500	1800	2000	2150	2300	2500
	194	242	264	277	288	302	1500	1800	2000	2150	2300	2500
						302						2650

BF 10 L 413 F	220	272	298	311	324		1500	1800	2000	2150	2300	
	231	288	313	329	343	356	1500	1800	2000	2150	2300	2500
	243	303	330	347	360	378	1500	1800	2000	2150	2300	2500
						378						2650

BF 12 L 413 F	264	328	358	374	389		1500	1800	2000	2150	2300	
	277	345	377	396	411	428	1500	1800	2000	2150	2300	2500
	292	364	397	416	432	455	1500	1800	2000	2150	2300	2500
						455						2650

BF 12 L 413FC		367	394	413	428			1800	2000	2150	2300	
		386	415	435	449	475		1800	2000	2150	2300	2500
		405	435	455	473	499		1800	2000	2150	2300	2500

FL 1 L 511	7.7	9.9	11.1	13.2	14.3	14.8	1500	1800	2000	2500	2800	3000
	9.2	11.5	13.2	15.6	17.0	17.5	1500	1800	2000	2500	2800	3000
FL 2 L 511	15.6	19.9	22.4	26.5	28.5	29.5	1500	1800	2000	2500	2800	3000
	18.5	23.1	26.5	31.5	34.0	35.0	1500	1800	2000	2500	2800	3000

F 6 L 513					171.5	179.6					2300	2300
BF 6 R 513 R					212.0	224.0					2300	2300
BF 6 R 513 RC					252.0	268.0					2300	2300
F 8 L 513					228.0	238.5					2300	2300
F 8 L 513 L						243.0						2150
BF 8 L 513					281.5	297.5					2300	2300
BF 8 L 513 LC						343.0						2100
BF 8 L 513 LC						373.0						2100
F 10 L 513					285.5	300.0					2300	2300
BF 10 L 513					352.5	372.5					2300	2300
F 12 L 513					343.0	359.1					2300	2300
BF 12 L 513					423.5	447.6					2300	2300

TBD 616 v8	320	407	480	1500	1800	2100
	552	607	662	2165	2235	2300
TBD 616 V12	480	610	720	1500	1800	2100
	860	946	1030	2165	2235	2300
TBD 616 V16	640	814	960	1500	1800	2100
	1135	1250	1360	2165	2235	2300

TBD 620 v8	829	870	920	1500	1650	1800
	1016	1120	1168	1800	1860	1860
TBD 620 V12	1240	1304	1380	1500	1650	1800
	1524	1680	1752	1800	1860	1860
TBD 620 V16	1658	1740	1840	1500	1650	1800
	2032	2240	2336	1800	1860	1860

SBV 6M 628	1353	1591	1748	750	900	1000
	1408	1673	1836	750	900	1000
SBV 8M 628	1809	2122	2332	750	900	1000
	1877	2230	2448	750	900	1000
SBV 9M 628	2033	2387	2625	750	900	1000
	2115	2509	2754	750	900	1000
SBV 12M 628	2706	3182	3495	750	900	1000
	2815	3346	3672	750	900	1000
SBV 16M 628	3618	4243	4665	750	900	1000
	3754	4461	4896	750	900	1000

F 2 L 912	19.0	23.0	25.0	26.5	27.5				1500	1800	2000	2150	2300			
	20.0	24.5	26.5	28.0	29.0	30.5			1500	1800	2000	2150	2300	2500		
	21.0	25.5	28.0	29.5	30.5	32.0			1500	1800	2000	2150	2300	2500	2800	
F 2 L 912	21.0	25.0	27.0	29.0	31.0				1500	1800	2000	2150	2300			
	22.5	27.0	29.0	31.0	33.0	34.0			1500	1800	2000	2150	2300	2500		
	23.5	28.5	31.0	33.0	34.0	36.0	37.0	38.0	1500	1800	2000	2150	2300	2500	2650	2800

F 3 L 912	32.0	38.0	41.0	44.0	47.0				1500	1800	2000	2150	2300			
	34.0	40.0	44.0	47.0	49.0	52.0			1500	1800	2000	2150	2300	2500		
	36.0	42.0	46.0	49.0	51.0	54.0	56.0	58.0	1500	1800	2000	2150	2300	2500	2650	2800
F 3 L 912 M	33.0	38.0	44.0	52.0					1500	1800	2150	2300				

F 4 L 912	43.0	52.0	56.0	60.0	63.0				1500	1800	2000	2150	2300			
	46.0	54.0	60.0	63.0	66.0	70.0			1500	1800	2000	2150	2300	2500		
	48.0	58.0	63.0	67.0	70.0	74.0	77.0	80.0	1500	1800	2000	2150	2300	2500	2650	2800
F 4 L 912 M	44.0	52.0	60.0	69.0					1500	1800	2150	2300				

F 5 L 912	54.0	65.0	71.0	75.0	79.0				1500	1800	2000	2150	2300	2500	2650	2800
	57.0	68.0	75.0	79.0	83.0	88.0			1500	1800	2000	2150	2300	2500	2650	2800
	60.0	72.0	79.0	84.0	88.0	93.0	96.0	100	1500	1800	2000	2150	2300	2500	2650	2800
F 5 L 912 M	54.0	65.0	75.0	88.0					1500	1800	2150	2300				

F 6 L 912	65.0	78.0	85.0	90.0	95.0				1500	1800	2000	2150	2300			
	69.0	82.0	90.0	95.0	100	106			1500	1800	2000	2150	2300	2500		
	73.0	87.0	95.0	100	106	112	116	120	1500	1800	2000	2150	2300	2500	2650	2800
F 6 L 912 M	65.0	78.0	90.0	106					1500	1800	2150	2300				

F 3 L 913				59.0				2400
F 3 L 913 M	34.0	41.0	48.0	56.0	1500	1800	2150	2300
F 4 L 913				75.0				2350
F 4 L 913 M	46.0	56.0	65.0	76.0	1500	1800	2150	2300
F 6 L 913				102.0				2300
F 6 L 913 M	70.0	86.0	98.0	114.0	1500	1800	2150	2300
BF 4 L 913				87.0				2300
BF 4 L 913 M	64.0	75.0	87.0	100.0	1500	1800	2150	2300
BF 6 L 913	127.4							2300
BF 6 L 913 M	95.0	112	131	152	1500	1800	2150	2300
BF 6 L 913 C	171.6							2300
BF 6 L 913 MC	110.0	135.0	152.0	180.0	1500	1800	2150	2300
F 3 L 914	59.0							2500
BF 3 L 914	68.4							2300
F 4 L 914	79.1							2500
BF 4 L 914	96.1							2500
F 5 L 914	96.1							2500
F 6 L 914	119.3							2500
BF 6 L 914	147.5							2500
BF 6 L 914 C	189.0							2500
D 914 L 3	55.0		57.7		2300			2300
D 914 L 4	73.8		77.8		2300			2300
D 914 L 5	91.8		97.2		2300			2300
D 914 L 6	100.4		116.0		2300			2300
TD 914 L 6	169.0		174.2		2300			2300
TD 914 L 6 M	103.0		133.0		1500			1800
TCD 914 L 6 M	133.0		173.0		1500			1800
F 2 M 1008			12.5	14.0				2200
F 2 M 1008 F			14.4	16.0				2200
F 3 M 1008			18.6	21.2				2000
F 3 M 1008 F			22.2	24.5				2200
F 4 M 1008			27.0	30.0				2200
F 4 M 1008 F			31.0	34.0				2200
BF 4 M 1008			35.0	38.7				2400
BF 4 M 1010	103.0							3800
BF 4 M 1010 C	131.0							3800

F 2 L 1011 F						28.1							3000
F 3 L 1011 F						41.5							3000
F 4 L 1011 F						56.3							3000
BF 4 L 1011 FT						61.6							2500
BF 4 L 1011 F						71.0							2800

BF 4 M 1012						78.0	83.0						2500	2500
BF 4 M 1012 C						99.2	104.5						2500	2500
BF 6 M 1012						118.0	124.6						2500	2500
BF 6 M 1012 C						148.7	158.1						2500	2500

F 4 M 1012 E						63.0							2500	
BF 4 M 1012 E						90.0							2500	
BF 4 M 1012 EC						114.0							2500	
BF 6 M 1012 E						136.0							2500	
BF 6 M 1012 EC						170.0							2500	
BF 4 M 1013						112.6	118.0						2300	2300
BF 4 M 1013 C						139.4	150.0						2300	2300
BF 4 M 1013 M						109.0	127.0						2300	2300
BF 6 M 1013						169.0	178.2						2300	2300
BF 6 M 1013 C						205.0	216.0						2300	2300
BF 6 M 1013 CP						229.1	242.5						2300	2300
BF 6 M 1013 M						165.0	173.0						2300	2300
BF 6 M 1013 M C						198.0	233.0						2300	2300
BF 6 M 1013 M CP						223.0	261.0						2300	2300

BF 4 M 1013 C						140.0	154.0						2300	2300
BF 4 M 1013 E						120.5							2300	
BF 4 M 1013 EC					137.0	154.0	158.0					2300	2300	2300
BF 4 M 1013 M	96.0				109.0			1900					2300	
	111.0				127.0			1900					2300	
BF 4 M 1013 MC	119.0				137.0			1900					2300	
	138.0				158.0			1900					2300	
BF 6 M 1013 C	205.0				228.0			2300					2300	
BF 6 M 1013 CP	229.0				255.0			2300					2300	

BF 6 M 1013 E	183.5			2300		
BF 6 M 1013 EC	199.0	221.0	234.0	2300	2300	2300
BF 6 M 1013 ECP	223.0	249.0	262.0	2300	2300	2300
BF 6 M 1013 FC		256.0	313.0	2300	2300	
BF 6 M 1013 M	145.0	165.0		1900	2300	
	169.0	174.0		1900	2300	
BF 6 M 1013 MC	174.0	198.0		1900	2300	
	205.0	233.0		1900	2300	
BF 6 M 1013 MCP	189.0	194.0	222.0	1900	2100	2300
	226.0	243.0	261.0	1900	2100	2300

BF 6 M 1015	291.0	321.5	326.5	2100	2100	2100		
BF 6 M 1015 C	366.0	402.0		1900	1900			
	355.0	449.0	490.0	578.0	2100	2100	2300	2300
BF 6 M 1015 C P	402.0	442.5		1900	1900			
BF 6 M 1015 M	272.0	287.0	287.0	1800	1900	2100		
	228.0	240.0	240.0	1800	1900	2100		
	306.0	322.0	322.0	1800	1900	2100		
BF 6 M 1015 M C	365.0	385.0	385.0	1800	1900	2100		
	313.0	330.0	330.0	1800	1900	2100		
	417.0	440.0	440.0	1800	1900	2100		
BF 8 M 1015 C	488.0	536.5		1900	1900			
	473.0	598.0	653.0	762.0	2100	2100	2300	2300
BF 8 M 1015 C P	536.5	590.0		1900	1900			
BF 8 M 1015 M C	488.0	514.0	514.0	1800	1900	2100		
	418.0	440.0	447.0	1800	1900	2100		
	560.0	590.0	600.0	1800	1900	2100		

D 2011 L 2 I	31.0	2800
D 2011 L 3 I	48.0	2800
D 2011 L 4 I	62.0	2600
TD 2011 L 4 I	75.0	2600

F 2L 2011	31.0	2800
F 3L 2011	48.0	2800
F 4L 2011	60.2	2800
BF 3L 2011	64.0	2800
BF 4L 2011	78.0	2800

F 2M 2011	31.0	2800
F 3M 2011	46.5	2800
F 4M 2011	61.5	2800
BF 3M 2011	62.0	2800
BF 4M 2011	83.0	2800

BF 4 M 2012	100.5	2500
BF 4 M 2012 C	138.1	2500
BF 6M 2012 C	208.0	2500

TD 2012 L 4 I	88.5	2300				
TCD 2012 L 4 I	118.0	138.0	154.0	2400	2400	2400
TCD 2012 L 6 I	208.0	241.0	2400	2300		
TCD 2013 L 4 2V	140.0	173.0	2200	2300		
TCD 2013 L 6 2V	268.0	2300				
TCD 2013 L 6 4V	325.9	335.0	2100	2200		

TCD 2015 V 0 6	482.0	482.0	1900	2100		
TCD 2015 V 6 M	422.0	439.0	439.0	1800	1900	2100
	469.0	483.0	483.0	1800	1900	2100
TCD 2015 V 0 8	670.0	670.0	1900	2100		
TCD 2015 V 8 M	590.0	604.0	604.0	1800	1900	2100
	657.0	670.0	670.0	1800	1900	2100

TD 226 BL		220.0	2500
TBD 226 BL		252.0	2500

D 2.9 L 4	50.0	2600						
TD 2.9 L 4	72.0	75.0	2200	2600				
TCD 2.9 L 4	74.0	75.0	84.0	93.0	2200	2600	2200	2200
	103.0	94.0	100.0	110.0	2200	2000	2000	2000

TD 3.6 L 4	74.0	2600				
TCD 3.6 L 4	100.0	120.0	134.0	2600	2300	2300

TCD 4.1 L 4	154.0	160.0	169.0	2400	2100	1900
TCD 4.1 L 6	241.0	233.0	241.0	2300	2100	1900

TTCD 6.1 L 6	283.0	283.0	1700	2100
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TCD 7.8 L 6	335.0	2200		
TTCD 7.8 L 6	390.0	390.0	1900	2100

TCD 12.0 V 6	524.0	2100
TCD 12.0 V 8	697.0	2100

DEUTZ-STAYER	psHP			RPM
YSAD 380 CB	27.0			3000
Y 385 CB	32.0			3000
YSD 475 CB	37.0			3000
YD 480 CB	43.0			3000
YND 485 CB	49.0			3200
YSD 490 CB	58.0			3000
Y 4100 CD	68.0			2500
Y 4102 CB	78.0			2500
<i>Kendi Şanzımanları</i>				
SCG 025	1.88	2.74		: 1
MA 142	1.97	2.52	3.03	: 1

DMS	psHP				RPM			
3 R – P	52.0		57.0		2000		2000	
3 RT-P	74.0		81.0		2000		2000	
3 VD 14.5/12-2 SRW	52	58	70	77	1500	1500	2000	2000
3 VD 14.5/12A-1 SRW	75	83	100	110	1500	1500	2000	2000
4 R – P	69.0		76.0		2000		2000	
6 R – P	103.0		114.0		2000		2000	
6 RT – P	150.0		165.0		2000		2000	
6 RTA – P	170.0		187.0		2000		2000	
6 VD 14.5/12-2 SRW	105	116	140	155	1500	1500	2000	2000
6 VD 14.5/12A-1 SRW	152	168	204	224	1500	1500	2000	2000
8 V – P	157.0		173.0		2000		2000	
8 VT – P	218.0		240.0		2000		2000	
8 VTA – P	243.0		267.0		2000		2000	
8 VD 14.5/12.5-1 SRW	161	177	214	235	1500	1500	2000	2000
8 VD 14.5/12.5A-1 SRW	223	245	296	326	1500	1500	2000	2000
MF-3RTA-P	105.0		125.0		1800		2000	
MF-4RTA-P	145.0		160.0		2000		2000	
MF-6RTA-P	218.0		240.0		2000		2000	

DRINKWAARD	psHP	RPM
(Mitsubishi)		
S 4 E 2	70.0	3000
S 4 L 2	42.0	3000
S 4 L 2 T	52.0	3000
S 4 Q 2	54.0	3000
S 4 S	63.0	2500
S 6 E 2	100.0	3000
S 6 S	95.0	2500
S 6 S DT	123.0	2500
4 D Q	50.0	3000
6 D 16	163.0	2800
6 D 16 T	209.0	2800
K 4 M	42.0	3000
K 4 E	30.0	3000
K 3 D	20.0	3000
L 2 E	15.0	3600
L 3 E	27.0	3600
New Marine Engines		
MPD 3.20	21.0	3000
MPD 4.40	37.0	3000
MPD 4.60	58.0	3000
MPD 4.85	85.0	3600
MPD 4.120	120.0	3200
(Mercedes)		
OM 636	39.0	
OM 615	60.0	
OM 616	65.0	
OM 601	72.0	
OM 314	80.0	
OM 617	80.0	
OM 602	89.0	
OM 603	108.0	
OM 352	125.0	
OM 352 A	165.0	
OM 401	185.0	
OM 402	245.0	
OM 403	305.0	
OM 404	400.0	

(Daf)		
DD 575	120.0	
DF 615	138.0	
DS 575	145.0	
DT 615	158.0	
DH 825	180.0	
DU 825	240.0	
DKA 1160	250.0	
DKTD 1160	260.0	
DKT 1160	290.0	

DONGFENG CHAOYANG	PSHP	RPM
4D 85-C3-FD	115.0	2200
CY QD80-E4	110.0	3600
CY QD80-E3	110.0	3600
CY 4102-BG	75.0	2400
CY 4102-CE4A	170.0	2600
CY 4102-CE4B	136.0	2800
CY 4102-CE4C	124.0	2800
CY 4102-CE4D	113.0	2800
CY 4102-CE4F	99.0	3200
CY 4102-CE4K	143.0	2800
CY 4102-CE4M	156.0	2800
CY 4102-CE4N	143.0	2800
CY 4102-C3A	170.0	2600
CY 4102-C3B	136.0	2800
CY 4102-C3C	124.0	2800
CY 4102-C3D	113.0	2800
CY 4102-C3E	106.0	3000
CY 4102-C3F	99.0	3200
CY 4102-C3G	90.0	3200
CY 4105 AT	75.0	2200
CY 4105 ATB	82.0	2400
CY 4D 115-CE4	161.0	2600
CY 4D 125-CE4	175.0	2600
CY 4D 115-C3	160.0	2600
CY 4T96-CE4	130.0	2800
CY 4T86-CE4	117.0	3200
CY 4T75-CE4	102.0	3200
CY 4T69-CE4	94.0	3200
6102 BG	110.0	2500
6102 BG-A	100.0	2200
6102 BZG	136.0	2200
6102 BZG-A	122.0	2200
6102 BZG-B	115.0	2500

ESMARIN	psHP	RPM
		Tr
ESYM 380 (Quanchai)	27.0	3000

ESYM 485 (Quanchai)	47.0	3000
ESYM 490 (Quanchai)	57.0	3000

ESYM 4102 (Quanchai)	90.0	3000
ESYM 4108 (Quanchai)	102.0	3000
ESYM 4108T (Quanchai)	112.0	3000

<i>Kendi Şanzımanları</i>							
MA 100 A	1.60	2.00	2.55	3.11	3.59	3.88	: 1
MA 125 A		2.03	2.46	3.04	3.57	4.05	: 1

FARYMANN	HP	RPM
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A 30 – A 40	10.0	2500
K 30	5.0	2500
L 30	8.0	2800
R 30	20.0	2500
P 30	22.0	2500
S 30	26.0	2500

14 D	3.7	4.0	3600	3600
15 B / D	4.8	5.3	3600	3600
15 W	5.3	5.9	3600	3600
18 B / D	5.7	6.5	3600	3600
18 W	7.1		3600	

21 A	6.85	7.62	3600	3600
29 C	9.0	10.0	3600	3600
32 A	9.7	10.7	3600	3600
32 W	11.2		3000	
37 E	10.2	11.3	3000	3000
43 E	11.8	13.2	3000	3000
43 F / W	13.5	15.0	3000	3000
44 A	14.3	15.8	3600	3600
55 W	19.0		3000	
58 W	18.4	20.3	3000	3000
66 A	21.5	23.7	3600	3600
86 W	27.5	30.5	3000	3000

114 W	38.1	42.0	3600	3600
114 T	50.3	53.1	3000	3000
115 W	36.6	40.7	3000	3000

275 WT	82.0		1800	
275 WTA	102.0		1800	

V 270 A	4.8	5.3	3600	3600
V 330 A	6.3	7.2	3600	3600

FIAT	HP		RPM	
803 AM	55.0		3200	
803 M	50.0		3200	
804 AM	80.0		3200	
804 M	70.0		3200	
806 AM	120.0		3200	
806 M	110.0		3200	

8035 M	44.0	50.0	2400	2600
8041 M	68.0	86.0	2900	3200

8061 M	104.0	132.0	2900	3200
8061 SRM		220.0		3200

8141 M	54.0	72.0	3600	4200
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8210 M	210.0	260.0	2100	2200
8220 M	160.0	200.0	2300	2600

8280 M	285.0	352.0	2200	2400
8280 SRM	370.0	505.0	2100	2400

8361 M	130.0	170.0	2300	2600
8361 SRM	272.0			2600

FNM	HP			RPM		
FNM GD 178 A	45.0			4500		
FNM GD 178 AT	60.0			4400		
FNM GD 178 ATI	70.0			4400		

FNM HPE 80	80.0			4000		
FNM HPE 80SD	75.0			3800		
FNM HPE 110JD	110.0			4500		
FNM HPEP 150	150.0			4000		
FNM HPEP 170	170.0			4000		
FNM HPE 190	190.0			4000		
FNM HPEP 225	225.0			4000		
FNM HPE 250	150.0	225.0	250.0	4000	4000	4200
FNM HPE 300	180.0	250.0	295.0	4000	4000	4000

AM 12	10.5			2200		
AM 20	17.0			2200		
AM 25 E	38.0			4400		
AM 45 E	45.0			4400		
AM 60	60.0			4000		

ATM 70	70.0	72.0		4200	4500	
ATM 90	85.0			4400		
ATM 135	135.0			4000		

AI 32	28.0	30.0		3600	3600	
ATI 51	42.0	47.0		3600	3600	

FORD	PsHP		RPM	
Benzinli				
2254 E	46.0		4000	
2255 E	53.5		4000	
2261 E – HC	48.0		5500	
2261 E – LC	54.0		5500	
2263 E	70.0		5500	
2264 E – HC	68.0		5200	
2265 E	84.0		5500	
2271 E – LC	30.5	36.2	3600	4000
2271 E – HC	31.8	38.5	3600	4000
2274 E – LC	41.6	46.0	3600	4000
2274 E – HC	46.4	53.8	3600	4000
2305 E – LC	76.4		4500	
CSG 625	167.5		6250	
CSG 630	199.7		5750	
CSG 649	143.4		3600	
CSG 850	163.5		3800	
CVG 624	128.6		5500	
CVG 629	147.5		5700	
CVG 629 – 87 US	143.4		5500	
CVH 414	72.4		5500	
CVH 416	88.5		5800	
CVH 416 I	108.5		6000	
CVH 416 I – 83 US	101.8		6000	
CVH 416 T	128.6		5500	
DOC 420	107.2		5600	
DOC 420 I	123.3		5500	
DOC 420 I 16V	145.0		6000	
DOC 420 EFI	114.0		5500	
DOC 423 I	144.7		5600	
DOC 423 EFI	144.7		5600	
ESG 642	115.0	135.0	2800	2800
HCS 413 EFI	59.0		5000	

MVH 416	87.1		5500	
MVH 418	114.0		5750	
MVH 418 HP	124.6		6250	
MVH 420	128.7		5700	

LRG 423/P	56.0	66.0	2800	2800
LRG 425	74.0	87.0	3600	3600
LRG 425 EFI	82.0	97.0	3600	3600

LSG 875	203.7		2800	
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SSG 630	65.0	77.0	2800	2800
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RSG 846	316.2		6000	
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OHC 420	88.5		5000	
OHC 420 I	96.5		5250	

VSG 410	44.2		5000	
VSG 411	53.6		5200	
VSG 413	34.8	61.6	2800	5000
VSG 413 2V	60.3		5000	
VSG 413 CFI	57.6		5000	
VSG 413 EFI	59.0		5000	
VSG 411 2V	52.3		5200	
VSG 411 CFI	48.3		5200	

ZSG 412	73.7		5200	
ZSG 414	88.5		5600	
ZSG 414 C	73.7		5000	
ZSG 416	106.0		6000	
ZSG 424 TC	73.7		3500	
ZSG 424 TCI-B	88.4		4000	
ZSG 424 TCI-C	118.0		4000	

2.0 8 V DOHC	115.0		5500	
2.0 16 V DOHC	136.0		6300	
2.3 IDOHC	147.0		5600	
2.5 TCI	115.0		4200	
3.4 Litre 2 V	235.0		4250	
6.0 Litre		325.0		3300
6.7 Litre	300.0	390.0	2800	2800
V6 12 V	145.0		5500	
V6 24V	210.0		6000	

Diesel				
BSD – 332	41.2	45.4	2000	2000
BSD – 333	47.3	52.6	2200	2200
BSD – 333 H	54.9	60.5	2200	2200
BSD – 442	64.0	70.5	2100	2100
BSD – 444	71.9	80.0	2100	2100
BSD – 444 T	89.0	98.2	2100	2100
BSD – 450 T	106.0	125.0	2100	2100
BSD – 666	110.8	124.4	2300	2500
BSD – 666 T	140.0	157.5	2200	2500
BSD – 666 TI	169.3	190.8	2200	2500
BSD – 675 T	150.0	178.0	2100	2100

DHE 418	123.2		6000	
DHE 420	143.4		6000	
DLD 418 TCI	88.4		4000	
XLD 418	50.3	60.0	3600	4800
XLD 418 B (Marin)		58.5		4800
XLD 418 C		60.0		4800
XLD 418 T	64.0	74.8	3600	4500
XLD 418 TCI		89.8		4500

FSD 425	57.1	69.4	3000	4000
FSD 425 HP		80.2		4000
FSD 425 T		99.3		4000
FSD 425 TCM	118.3	130.6	3800	3800

4 AA		62.0		3600
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2401 E	53.0	62.0	3600	3600
2701 E	64.0		2500	
2703 E	98.5		2500	
2704 E	107.5		2500	
2704 ET	136.8		2400	
2704 ETI	164.6		2450	
2704 ET TP	253.8		2450	
2709 E	98.0		2400	
2711 E	65.0	76.0	2500	2500
2712 E	66.0	74.3	2500	2500
2713 E	86.0	95.0	2500	2500
2714 E	93.0	105.0	2500	2500
2715 E	103.0	114.5	2500	2500

2722 GP I	73.0	84.8	2500	2500
2722 GP II	78.4	91.4	2600	2600
2723 GP I	102.0	116.0	2500	2500
2725 GP I	113.4	127.8	2500	2500
2725 GP II	120.6	136.4	2600	2600
2725 6.2 I N/A	126.0		2600	
2726 T	144.0	158.1	2400	2400
2726 T (Marin)	143.4	152.8	2400	2400
2726 T G	107.5	119.7	1500	1800
2726 TC 6.0 I	146.0		2400	
2728 T	199.7		2450	
2728 TCI 185 6.01	177.0		2400	
2728 TCI 205 6.01	207.7		2400	

590 E		96.0		2250
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Thames Trader		108.0		2500
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Ford Cargo 90		86.0		2600
Ford Cargo 110		110.0		2600
Ford Cargo 130		128.0		2600
Ford Cargo 150		150.0		2400

ARTHOR	PSHP	RPM
<i>Ford</i>		Tr
ARM 2.4-100	100.0	3500
ARM 2.4-120	120.0	3500
ARM 2.4-140	140.0	3500
ARM 3.2-200	200.0	3500
ARM 6.0-135	135.0	2600
ARM 6.0-185	185.0	2400
ARM 6.0-200	200.0	2400
ARM 7.3-240	240.0	2400
ARM 7.3-300	300.0	2400
ARM 9.0-350	350.0	2200
ARM 9.0-400	400.0	2200
<i>Kioti</i>		
ARMK 09-19	19.0	2800
ARMK 16-34	34.0	2700
ARMK 22-45	45.0	2700
ARMK 24-65	65.0	2700

C-POWER FORD	PS-HP		RPM	
4 / 18	34.0	38.0	2500	2500
4 / 90	38.0		2500	
4 / 254	86.2		2600	
4 / 425 TC IC	117	130	4000	4000
4 / 442 bhp	62.0		2100	
4 / 444 bhp	70.0		2100	
4 / 450	79.0	92.0	2200	2200

6 / 363 TC	135	150	2400	2400
6 / 363 TC IC	180	200	2450	2450
6 / 380	126	140	2600	2600
6 / 675	109	126	2100	2100

3 / 329 bhp	35.0		2000	
3 / 332 bhp	40.0		2000	
3 / 333 bhp	46.0		2200	
3 / 333 H bhp	52.0		2200	

LANCING MARINE FORD	Ps-HP		RPM	
XLD LP	40.0		2600	
XLD MP	50.0		3400	
XLD	60.0		4800	
XLD 1600	40.0		4000	
XLD 1800	50.0		4000	
FSD LP	51.0		2500	
FSD MP	61.0		3000	
FSD	75.0		4000	
FSD TI	117.0	140.0	3800	4000
FSD 2500	70.0		4000	
2701 – 12 E	80.0		2500	
2703 – 15 E	120.0		2500	
2722 E	85.0		2500	
2725 E	127.0		2600	

LEHMAN FORD	Ps-HP	RPM
Super 90	90.0	2600
Super 135	135.0	2600
Super 185	185.0	2500
Super 225	225.0	2450
Super 275	275.0	2500
AD 254	74.2	2500
6 D 380	114.5	2500
6 D 363 T	136.5	2400

MERMAID FORD	HP		RPM	
Meteorite (Ford XLD 416)	35.0		3000	
Meteor (Ford XLD 416)	54.0		4800	
Meteor MK II (Ford 1800 cc)	56.0		4000	
Melody (Ford 2722)	90.0		2600	
Melody II (Ford Genesis)	90.0		2200	
Turbo Melody II (Ford Genesis)	160.0		2500	
Merlin (Ford Fsd 425)	70.0		4000	
Turbo Merlin (Ford Fsd 425)* shp	110.0		4000	
Mariner (Ford 2725)	135.0		2600	
Manta II	145.0	160.0	2100	2600
Turbo Four * shp	155.0		2600	
Mistral (Ford 2726T) * shp	175.0		2500	
Majestic (Ford 2726T)	212.0		2500	
Monarch (Ford 2728TIM) * shp	200.0		2450	
Turbo Four II (Ford Genesis)	200.0		2500	
Turbo Plus * shp	275.0		2500	
Mirage II (Ford Genesis)	325.0		2500	
Magnum II (Ford Genesis)	400.0		2600	

FORD-MUSTANG	BhpHP	RPM
4.4 L	85.0	2500
4.4 LT	107.0	2500
6.6 L	140.0	2600
6.6 LT	170.0	2600
6.6 LTI	235.0	2500

FORD-OTOSAN	PSHP	RPM
		Tr

6.0 L T (2726 TC)	148.4	2400
6.0 L (2728 TCI)	179.0	2400
6.0 L/210 (2728TCI)	211.0	2400

6.2 L (2725)	128.0	2600
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ECOTORQ EDC7-SP250	250.0	2400
ECOTORQ EDC7-SP360	360.0	2400
ECOTORQ EDC7-SP380	380.0	2400

FORD-PUMA (MARATO)	psHP	RPM
		TR
Puma N 2.4 Litre	78.0	3900
Puma T 2.4 Litre	145.0	3900
Puma Super 95	95.0	3500
Puma Super 125	125.0	3500
Puma Super 145	145.0	3500
EDC7 Super 250	250.0	2400
EDC7 Super 360	360.0	2400
EDC7 Super 380	380.0	2400

SABRE FORD	HP	RPM
80 C	80.0	2500
85 L	85.0	2500
120	120.0	2500
120 C	122.0	2500
125 L	130.5	2500
140	140.0	2500
212	212.0	2500
250	250.0	2500
275	275.0	2500

TEMPEST FORD	HP	RPM
4 / 80	72.0	2500
4 / 85	77.0	2500
6 / 120	108.0	2500
6 / 125	113.0	2500
6 / 150	138.0	2400

WATERMOTA FORD	HP		RPM	
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SEA PANTHER 11	30.0	55.0	2500	4000
SEA CUB MK II	7.0			
SEA SCOUT MK II * shp	80.0		2500	
SEA RANGER	90.0	125.0	2200	2100
SEA WOLF MARK III	39.0		4000	
SEA TIGER MARK III	47.0		4000	

SEA HORSE 70	68.0		4000	
SEA HORSE 80	80.0		4000	
SEA HORSE 130	130.0		3800	

SEA LION MK II * shp	120.0		2500	
SEA LION MK III	126.0	140.0	2600	
SUPER LION MK III * shp	155.0	170.0	2400	2500
SUPER LION MK II * shp	178.0	200.0	2400	2500
SUPER LION MK III * shp	213.0	240.0	2400	2500

BSD 666 TIM	260.0		2450	
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GARDNER	PSHP	RPM
2 LWB	28.0	1300
6 LXB 127	127.0	1500
6 LXB 140	140.0	1500
6 LXB 150	150.0	1650
6 LXB 175	175.0	1800
6 LXB 180	180.0	1850
6 LX CT	230.0	1900
6 LX DT 250	250.0	1650
6 LX ST 275	275.0	1800
6 LYT 300	300.0	1650
6 LYT 325	325.0	1800
6 LYTI 350	350.0	1650
6 LYTI 380	380.0	1800

GREAVES	psHP	RPM
G 600 W	11.2	3000
2G 870	15.2	3000
3 G 11 TA		1500
4 G 11 TA		1500
6 G 11 TA		1500
TBD 3V 6 MKII		1500
TBD 3V 8 MKII		1500
TBD 3V 12 MKII		1500

GUASCOR	PS-HP			RPM		
F 180-SP	250.0	260.0	300.0	1800	1800	2000
F 180T-SP	380.0	400.0	415.0	1800	1800	1900
F 180TB-SP	400.0	425.0	450.0	1800	1800	1800
F 180TA-SP	450.0	480.0	500.0	1800	1800	2000
F 180TAB-SP	500.0	520.0	550.0	1800	1800	1800

SF 180 TA-SP	450.0	450.0	480.0	500.0	1500	1800	1800	1800
	500.0	520.0	550.0	560.0	1800	1800	1800	1600
	589.0	600.0	615.0	619.0	1800	1800	1800	1800
	645.0	648.0	685.0		1800	1800	1800	

F 240TA-SP	600.0	620.0	640.0	1800	1800	1800
F 240TAB-SP	650.0	670.0		1800	1800	

SF 240TA-SP	650.0	670.0	750.0	785.0	1500	1800	1600	1800
	800.0	824.0	830.0	864.0	1800	1800	1800	1800
	900.0				1800			

F 360 T – SP	720.0	800.0	830.0		1800	1800	1900	
F 360 TA-SP	800.0	900.0	960.0	1000	1500	1800	1800	2000

SF 360TA-SP	900	960	1000	1120	1800	1800	1500	1600
	1180	1200	1237	1290	1800	1800	1800	1800
	1297	1360			1800	1800		

F 480TA-SP	1270.0	1350.0	1400.0	1800	1800	1800
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SF 480TA-SP	1270	1300	1350	1400	1800	1500	1800	1600
	1500	1571	1600	1650	1600	1800	1800	1800
	1660	1724	1729	1800	1800	1800	1800	1800

E 212 – SP	294.0	310.0	322.0	351.0	1800	1800	1800	2100
E 212T – SP	360.0	395.0	400.0		1800	1800	2000	
E 212TA-SP	410.0	451.0	459.0		1800	1800	2000	

E 318 – SP	442.0	460.0	487.0	530.0	1800	1800	1800	2100
E 318 T –SP	500.0	550.0	610.0		1800	1800	1800	
E 318T2-SP	551.0	575.0	601.0	640.6	1800	1800	1800	1800
E 318TA-SP	601.0	620.0	655.5	721.0	1800	1800	1800	1800
E 318 TA2-SP	700.4	726.2	601.1	825.5	1800	1800	1800	1800

<i>ŞANZIMANLARI</i>							
R 100	1.58		1.91		3.04		:1
R 160 T	1.53	2.03	3.14	4.06	4.91	5.99	:1
R 240	2.90		3.91		4.95		:1
RE 240	3.56		4.80		6.08		:1
R 360	2.04	3.25	4.38	5.10	6.00		:1
RE 360	7.20			8.90			:1
R 500 HT	2.69	3.25	3.97	4.86	6.08	7.03	:1

HATZ	psHP				RPM			
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1 B 20	1.9	2.3	2.6	3.0	1500	1800	2000	2300
	3.4	3.8	4.2		2600	3000	3600	
1 B 30	2.9	3.7	4.2	4.8	1500	1800	2000	2300
	5.2	5.6	6.1		2600	3000	3600	
1 B 40	4.4	5.4	6.1	7.1	1500	1800	2000	2300
	7.9	8.4	9.0		2600	3000	3600	
1 B 50			6.5	7.5			2000	2300
	8.4	9.2	9.7		2600	3000	3600	

1 D 42	4.1	5.0	5.7	6.7	1500	1800	2000	2300
		7.5	8.0	8.5		2600	3000	3600
1 D 42 C	3.3	4.1	4.6	5.2	1500	1800	2000	2300
		5.8	6.4	6.4		2600	3000	3600
1 D 50	4.5	5.6	6.4	7.3	1500	1800	2000	2300
		8.3	9.1	9.2		2600	3000	3600
1 D 81	6.8	8.3	9.1	10.3	1500	1800	2000	2300
		11.4	12.6			2600	3000	
1 D 81 C	6.7	8.0	8.8	10.1	1500	1800	2000	2300
		10.9	12.1			2600	3000	
1 D 90	7.9	9.2	10.5	11.7	1500	1800	2000	2300
		12.8	13.9			2600	3000	3600

2 G 40	9.8	11.2	12.6	13.7	2000	2300	2600	3000
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4 H 50 TIC				75.4				2800
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2 L 41 C	18.4	22.8	25.6	28.8	1500	1800	2000	2300
	28.4	29.9			2600	3000		
2 L 41 C	28.0	34.3	38.2	43.9	1500	1800	2000	2300
	43.1	44.9			2600	3000		
3 L 41 C	28.0	34.3	38.2	43.9	1500	1800	2000	2300
	43.1	44.9			2600	3000		
4 L 41 C	36.7	45.3	50.2	57.5	1500	1800	2000	2300
	56.2	59.7			2600	3000		

2 M 41	22.3	27.5	30.5	34.5	1500	1800	2000	2300
	34.0	35.8			2600	3000		
	20.1	24.8	27.5	30.6	1500	1800	2000	2300
	31.1	32.2			2600	3000		
3 M 41	34.0	42.3	46.9	51.4	1500	1800	2000	2300
	52.9	54.1			2600	3000		
	30.6	38.1	42.3	46.2	1500	1800	2000	2300
	47.6	48.7			2600	3000		
4 M 41	46.2	56.2	62.6	68.8	1500	1800	2000	2300
	70.7	72.2			2600	3000		
	41.6	50.6	56.3	61.9	1500	1800	2000	2300
	63.6	65.0			2600	3000		

HINO	HP		RPM	
W 04 D	92.0	110.0	3000	3000
W 04 C – T	125.0	150.0	3000	3000
W 04 C – TI	185.0	210.0	3000	3000
W 06 D – TI	220.0	250.0	3000	3000
W 06 D – TI-II	310.0		3000	

HONDA	psHP		RPM	
GC 135	3.7	4.0	3600	3600
GCV 135		4.5		3600
GC 160	4.6	5.0	3600	3600
GX 25 NT S3	1.0	1.1	7000	7000
GX 35 NT S3	1.4	1.6	7000	7000
GX 100		2.8		3600
GX 120		3.5		3600
GX 120 K1		4.0		3600
GX 120 UT2 SX	3.5	4.0	3600	3600
GX 160		4.8		3600
GX 160 UT2 SX	4.9	5.5	3600	3600
GX 200 UT2 SX	5.6	6.5	3600	3600
GX 240 K1	8.0		3600	
GX 270 H SX-SXE	8.2	9.0	3600	3600
GX 270 K1	9.0		3600	
GX 340	10.7		3600	
GX 340 K1	11.0		3600	
GX 390 K1	13.0		3600	
GX 390 H1 SXC-SXE	11.1	13.0	3600	3600
GX 610	18.0		3600	
GX 620	20.0		3600	
GX 630	20.4		3700	
GX 660	21.5		3600	
GX 670	24.0		3600	
GX 690	22.1		3600	
GX 690 R TXF	22.3		3700	
GXH 50		2.1		7000
GXV 160		4.4		3600

HTC	psHP			RPM		
(Petter)						In

NAV C	6.0	7.0	1500	1800
NAV F	8.0	9.0	1500	1800
NAM S	10.0	11.0	1500	1800

NAV C	12.0	14.0	1500	1800		
NAV F	10.0	15.0	1500	1800		
NAM S	20.0	22.0	25.0	1500	1800	2000

HYUNDAI	psHP		RPM	
A-2.5	140.0		3800	
IC 120	4.0			
IC 160	5.5			
IC 200	6.5			
IC 200 A	4.0			
D 300 E	6.0		3600	
D 400 E	10.0		3600	
D 4 BF	83.0		4200	
D 4 BH	100.0		3800	
D 4 AF	96.0		3400	
D 4 AL	120.0		3400	
D 6 BR	177.0		2900	
D 6 AV	235.0		2200	
D 6 AB	310.0		2200	
D 6 CA	440.0		1800	
D 4 BB	57.0		2500	
D 4 BB (BAC)	40.0		2000	
D 4 BB – T/C	64.0		2500	
D 4 AF	63.0		2400	
D 4 AK	80.0		2400	
D 4 DA	98.0		2300	
D 6 BR	131.0		2000	
D 6 BT	160.0		2000	
D 6 AZ	230.0		1900	
D 6 AC	310.0		2100	
D 6 CA	430.0		2000	
G 4 EB	78.0		5500	
H 4 D	68.0	80.0	2700	2800
H 4 DT	94.0	110.0	2700	2800
H 6 D1	134.0	160.0	2200	2500
H 6 D1T	180.0	200.0	2300	2500
H 6 D1TA	230.0	210.0	2300	2500
H 6 D2T	252.0	300.0	2000	2100
H 6 D2T2	283.0	320.0	2000	2100
H 6 D2T2A	325.0	350.0	2100	2200

H 6 D7 TA	430.0		1800 (2000)	
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HD 403	70.0	80.0	90.0	2700	2800	2900
HD 403 T	100.0	110.0	120.0	2700	2800	2900
HD 403 TA	120.0	130.0	150.0	2700	2800	2900
HD 403 TA2	140.0	150.0	170.0	2800	2900	3000

HD 607	140.0	150.0	160.0	2200	2300	2500
HD 607 T	180.0	190.0	210.0	2200	2300	2500
HD 607 TA	210.0	220.0	250.0	2200	2300	2500

HD 611	210.0	230.0	240.0	2000	2100	2200
HD 611 T	280.0	300.0	310.0	2000	2100	2200
HD 611 TA	360.0	380.0	390.0	2000	2100	2200
HD 613 TA	430.0	460.0	490.0	1800	1900	2000

U 125	125.0		4000	
U -1.5-CRDI	102.0		4000	
D 150	150.0	170.0	3200	3800
S 220-250	220.0	250.0	3200	3800
G	250.0		2500	
H 380	380.0	400.0	1800	2000
L 500	500.0		1800	

<i>Kullanılan Şanzımanlar</i>				
	1.64,2.07,2.52,2.96,3.32			: 1
	1.61,2.06,2.45,2.82,3.12,3.46			: 1

HUAFEN GDONGLI	psHP	RPM
R 4100 D 1	49.0	1500
R 4100 D 2	57.1	1800
R 4100 Z D	63.9	1500

4102	54.4	59.8	2000	2000
K 4102	45.0	49.4	1500	1500
K 4102 G		63.4		2400
K 4102 P	54.4	59.8	2000	2000
ZH 4102 D	45.0	49.4	1500	1500

R 4105	74.8		2200
R 4105 A	77.5		2200
R 4105 AT	70.0		2200
R 4105 C	47.6		1500
R 4105 C 1	58.5		2000
R 4105 C 5	47.6		1500
R 4105 D 1	57.1		1500
R 4105 D 2	62.6		1800
R 4105 D 4	54.4		1500
R 4105 G	80.2		2400
R 4105 G 8	81.6		2400
R 4105 G 20	80.2		2400
R 4105 G 25	80.2		2400
R 4105 G 28	68.0		2200
R 4105 G 31	74.8		2400
R 4105 L 1	65.3		2000
R 4105 L 5	65.3		2100
R 4105 P	65.3		2000
R 4105 T	74.8		2000
R 4105 T 1	65.3		2000
4105 T 6	65.3		2000
4106 T 7	61.2		2000
4106 T 10	68.0		2000
R 4105 Z	95.2		2200
R 4105 ZD 1	76.2		1500
R 4105 ZD 4	76.2		1500
R 4105 ZT	81.6		2200

R 4108 A	81.6		2200
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R 6105	111.5	2200
R 6105 A	115.6	2200
R 6105 B	149.6	3000
R 6105 C	70.7	1500
R 6105 C 1	88.4	2000
R 6105 C 8	72.1	1500
R 6105 D 1	78.9	1500
R 6105 D 2	92.5	1800
R 6105 G	115.6	2400
R 6105 G 5	110.2	2400
R 6105 G 8	115.6	2400
R 6105 G 10	110.2	2300
R 6105 G 12	111.5	2200
R 6105 G 20	115.6	2600
R 6105 P	97.9	2000
R 6105 T	118.8	2300
R 6105 Q	140.0	2800
R 6105 Q 1	130.6	2800
R 6105 Z	142.8	2200
R 6105 ZC 2	119.7	2000
R 6105 ZD 1	114.2	1500
R 6105 ZD 4	102.0	1500
R 6105 ZG	149.6	2400
R 6105 ZLD	136.0	1500
R 6105 ZLQ	200.0	2600
R 6105 ZQ	170.0	2600

R 6108 A	122.4	2200
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ILMOR	HP	RPM
MV8 5.73 L – OPS	320.0	5200
MV8 6.00 L	382.0	5200
MV8 6.20 L	430.0	5400
MV8 7.40 L	522.0	5800

INTER	bhpHP					RPM				
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D – 155	(Navistar)	37.0	42.5	48.5	1900	2200	2500			
D – 179	(Navistar)	50.0	49.0	52.0	2100	2200	2400			
D – 190		178.0		190.0	3000		3000			
D – 206	(Navistar)	57.5	56.0	65.0	2200	2300	2500			
D – 239	(Navistar)	65.0	64.0	75.0	2200	2300	2500			
D – 268	(Navistar)	76.5	85.0		2300	2500				
D – 285		285.0			2000					

444 - 7.3 L	(Navistar)	200.0				2400				
444T- 7.3 L	(Navistar)	260.0				3400				

466E	(Navistar)	175	195	215	230	250	2300	2300	2300	2300	2300
466E- HT	(Navistar)		195	215		250		2300	2300		2300

Inter 530 E			275	280	300			2000	2000	2000
Inter 530 E-HT					330					2000

1006-6		105	115	120	122	2200	2200	2200	2200
1006-6T		131	138	142	150	2200	2200	2200	2400
				165	171			2400	2200

ISOTTA FRASCHINI	psHP			RPM		
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L 1306 T2 MD	503.0			2400		
L 1306 T2 MLL	381.0	435.0	476.0	2200	2300	2400
L 1306 T2 MLH	299.0			1800		
L 1306 C2 MSD HC	802.4			2600		

V 1308 T2 MD	680.0			2700		
V 1308 T2 MLL	530.0	612.0	680.0	2400	2600	2700
V 1308 T2 MLH	449.0			2100		

V 1312 T2 MD	1061.0			2700		
V 1312 T2 MLL	796.0	918.0	1020	2400	2600	2700
V 1312 T2 MLH	673.0			2100		
V 1312 C2 MSD HC	1496.0			2800		

V 1708 T2 MD	1299.0			2000		
V 1708 T2 MLL	1000	1108	1224	1870	1935	2000
V 1708 T2 MLH	950.0			1800		
V 1708 T2 MLL CCL	1108.4			1935		

V 1712 T2 MD	2285.0			2000		
V 1712 T2 MLL	1714	1904	2094	1870	1940	2000
V 1712 T2 MLH	1430.0			1800		
V 1712 T2 MLL CCL	1632.0	1836.0		1800	1800	

V 1716 T2 MP	3196.0			2100		
V 1716 T2 MLL	2353	2618	2910	1900	1960	2030
V 1716 T2 MLH CCH	2040.0			1500		
V 1716 T2 MSD SFC	3209.6			2030		
V 1716C1 MSD HSC	3536.0			2100		

ISUZU	psHP		RPM	
C 240	49.0	56.0	3000	3000
C 4 JB 1	77.0			3600
2 CA 1		14.5		3600
2 CA 1 AZ P01	12.5	14.1	3600	3600
3 CA 1 AZ P01	20.3	22.8	3600	3600
3 CA 1	10.4	23.5	1800	3600
3 CB 1		25.1		3200
3 CD 1		32.7		3000
3 CD 1 T		38.9		2800
3 CD 1 TBK ZP 1 & 2	35.9	40.3	2800	2800
3 CE 1 B DZP 1	33.7	37.8	3000	3000
3 LB 1	22.4	25.4	3000	3000
3 LD 1	29.3	33.3	3000	3000
4 BD 1 T	92.0	105.0	2500	2500
4 BD 1	78.0	88.0	2800	2800
4 BG 1	78.0	89.0	2500	2500
4 BG 1 T	98.0	111.0	2400	2400
4 JB 1	61.0	70.0	3000	3000
4 JG 1 TCX	128.0	138.0	3100	3200
4 JG 1 TPW 01		83.0		2500
4 JJ 1 X	101.0	131.0	1800	2500
4 HK 1 X	178.2	203.0	1800	2100
4 LE 1	39.6	45.0	2400	2400
	47.7	54.0	3000	3000
4 LE 1 T	41.0	62.0	1800	2500
4 LE 2		52.4		3000
4 L C 1	36.0	41.0	3000	3000
4 UM BG 1 TCX	182.0	200.0	2700	2800
4 UM BG 1 Z		110.0		2900
4 UM JB 1		67.0		3200
4 UM JB 1 TCX	110.0	115.0	3100	3200
6 BG 1	114.0	129.0	2500	2500
6 BG 1 T	151.0	171.0	2500	2500
6 BG 1 TC		191.0		2200
6 BG 1 TCX	282.0		2700	

6 HE 1 TCX	344.0		2800	
6 HK 1 X	274.0	293.0	1800	2000
6 HK 1 WM –AB2 M2	300.0		2400	
6 HK 1 WM –AB3 M3	350.0		2500	

6 SD 1 T	216.0	244.0	2000	2000
6 SD 1 TCX	374.0		2300	

6 UM BG 1 TCX	210.0	230.0	2600	2700
6 UM BG 1 TCX	260.0	285.0	2600	2700
6 UM HE 1 TCX	320.0	350.0	2700	2800
6 UM SD 1 TCX	345.0	380.0	2220	2300
6 UM WG 1 TCX	700.0	730.0	2000	2100
6 UM WG 1 VM –AB1 M1	505.0		1800	
6 UM WG 1 VM –AB2 M2	600.0		2000	
6 UM WG 1 VM –AB3 M3	671.0		2100	
6 UZ 1 X	359.0	373.0	1800	1950

6 WG 1 X	532.0	549.0	1800	1800
6 WG 1 AB1 M1	505.0		1800	
6 WG 1 AB3 M3	620.0		2100	

IVECO-AIFO	HP				RPM			
UNO M 25	25.0				3000			
UNO M 40	40.0				4400			
4021 M 17	16.0				3600			
4021 M 20	20.0				3600			
4031 M 25	23.4				3600			
4031 M 30	30.0				3600			
4041 M 33	33.0				3600			
4041 M 39	39.0				3600			
4041 M 40	40.0				3600			
4141 M 48	48.5				3000			
4141 SRM 82	82.0				3000			
4241 M 41	40.8				3000			
4341 M 60	60.0				3600			
4341 SRM 87	87.0				3200			
8031 M 06	57.0				2500			
8035 M 06	57.0				2500			
8040 SRM 16	102.0	115.0	136.0	160.0	2100	2500	2700	2700
8041 M 08	76.0		80.0		2500		2500	
8041 M 09	84.0		95.0		3000		3000	
8041 SRM 15	120.0		150.0		2700		2700	
8045 M 08	76.0		80.0		2500		2500	
8060 SM 21	130.0	160.0	170.0	210.0	2300	2500	2700	2700
8060 SRM 25	200.0		250.0		2700		2700	
8060 SRM 33	270.0		330.0		2700		2700	
8061 M 12	115.0		120.0		2500		2500	
8061 M 14	126.0		145.0		3000		3000	
8061 SM 20	170.0		200.0		2700		2700	
8061 SRM 24	198.0		240.0		2700		2700	
8061 SRM 25	200.0		250.0		2700		2700	
8061 SRM 27	270.0				2700			
8061 SRM 30	300.0				2700			
8061 SRM 33	330.0				2700			

8065 M 12	110.0	115.0	2500	2500
8065 E 00		110.0		2500
8065 SE 00		170.0		2400
8065 SRE 10		200.0		2400

8131-I.01 (Aifo)		50.7		4200
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8140 SRM 15	102.0	125.0	150.0	3600	3800	3800
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8141-I.000 (Aifo)		72.0		4200
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8141 M 08	60.0	80.0	3600	4200
8141 M 25	25.0		1400	
8141 SM 12	120.0		3800	
8141 SRM 13	130.0		3800	

8210 M 22	220.0		2200	
8210 SRM 36	330.0	360.0	1800	1800
8210 SRM 44		440.0		2200
8210 SRM 45	400.0	450.0	1800	1800

8281 M 32	280.0	320.0	2100	2200		
8281 SRM 44	440.0		2000			
8281 SRM 50	500.0	550.0	1800	1800		
8281 SRM 70	540.0	600.0	700.0	2200	2200	2200

8291 SRM 10	1000.0		2100			
8291 SRM 11-75	750.0	850.0	1100	1800	2000	2100
8291 SRM 12-75	750.0	850.0	1200	1800	2000	2100
8291 SRM 85		850.0		2000		

8361 M 16	130.0	145.0	160.0	2300	2400	2600
8361 SRE 10			235.0			2200
8361 SI 10		168.0	190.0		1500	1800
8361 SRE 11			270.0			2200
8361 SM (Aifo)			270.0			2600
8361 SM 21	175.0	190.0	210.0	2000	2200	2200
8361 SRI 26		279.0	299.0		1500	1800
8361 SRM 32	250.0	320.0		2200	2400	
8361 SRM 37	370.0			2400		
8361 SRM 38	380.0			2400		
8361 SRM 40	400.0			2400		

8460 SM 19	190.0	220.0	2200	2200
8460 SRM 28	280.0		2200	

8460 SRM 45	350.0	450.0		2200	2200		
8460 SRM 50	350.0	380.0	500.0	2000	2200	2200	

N 45 100	85.0	85.0	90.0	100	2800	2800	2800	2800
N 40 250		170	200	250		2800	2800	2800
N 60 370	270.0	330.0			2800	2800		
N 60 370 SD		330.0		370.0		2800	2800	
N 60 400	270	330	370	400	3000	3000	3000	3000
N 60 480				480				3000
N 67 150	125	125	135	150	2800	2800	2800	2800
N 67 220	150.0	180.0	200.0		2800	2800	2800	
N 67 280 (N67 MNT M28)	180.0	230.0	260.0	280.0	2500	2800	2800	2800
N 67 450 (N67 ENT M45)	350.0	370.0	420.0	450.0	3000	3000	3000	3000
N 67 560 (N67 ENT M 56)	450.0	500.0	560.0		3000	3000	3000	

C 13 330	330.0				1800			
C 13 500	500.0	520.0			2000	2000		
C 13 770	540	600	700	770	2300	2300	2300	2300
C 13 825 (C13 ENT M82)	600	650	750	825	2400	2400	2400	2400

C 78 200	200	230			2000	2000		
C 78 300	300	330			2000	2000		
C 78 550	400	450	500	550	2600	2600	2600	2600
C 90 620	450	500	550	620	2530	2530	2530	2530
C 90 650				650				2530

Cursor 300 (C78 ENT M 30)	300				2000			
Cursor 500 (C78 ENT M 50)	345	394	444	493	2600	2600	2600	2600
Cursor 8	360.4				2100			
Cursor 10	455.6				2100			
Cursor 13	540.0				1900			

Nef 100 (N45 MNA M10)	85.0	89.0	99.0		2800	2800	2800	
Nef 150 (N60 MNA M 15)	123.0	133.0	148.0		2800	2800	2800	
Nef N 67 220	180.0	200.0	220.0		2800	2800	2800	
Nef 250 (N40 ENT M25)	170.0	200.0	250.0		2800	2800	2800	
Nef N 67 280	230.0	260.0	280.0		2800	2800	2800	
Nef 370 (N60 ENT M37)	270.0	330.0	370.0		2800	2800	2800	
Nef N60 370 SD		330.0		370.0		2800	2800	
Nef 400 (N60 ENT M 40)	270	330	370	400	2800	2800	2800	2800
Nef 400 SD-37 (N60 ENT M 40 SD)	330		370		3000		3000	

Nef N 67 450	350	370	420	450	3000	3000	3000	3000
Nef N 60 480			480				3000	
Nef N 67 560	450	500	560		3000	3000	3000	

Nef – 3		79.0				2300		
Nef – 4		170.0				2700		
Nef – 6		275.0				2500		

S 30 230	115.6	175.5	230.0		3500	3500	4000	
S 30 230 SD (S30 ENT M23SD)	230.0					4000		

Sofim hpi 230 (S30 ENT M23)	115.6	175.5	230.0		3500	3500	4000	
Sofim Hpi 2.3		116.0				3900		
Sofim Hpi 3.0		166.0				3500		

Vector 1150 (V12 ENT M11)	1150		1300			1800	1800	
Vector 1200 (V08 ENT M12)	863	1020	1100	1200	2100	2300	2300	2300
Vector 15		734.5				2100		
Vector 20		979.2				2100		
Vector 30		1469.0				2100		
Vector 40		1958.5				2100		

V20 750	750.0	816.0			1800	1800		
V20 865		863.0				2100		

JCB	PSHP				RPM			

JCB DIESEL MAX	188	221	255	284	2000	2000	2000	2000
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TCAE – 55	74				2200			
TCAE – 68	91				2200			
TCAE – 81	108				2200			
TCAE – 93	125				2200			
TCAE – 108	145				2200			
TCAE –129	173				2050			

JOHN – DEERE	HP				RPM			
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3029 D	52.0	58.0	2500	2500
3029 T	71.0	79.0	2500	2500
3029 TF 150	79.0		2500	

3179 D	52.0	58.0	2500	2500
3179 T	67.0	79.0	2500	2500

4024 HF 285	80.0		2800	
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4039 D	71.0	80.0	2500	2500
4039 DFM	71.0	80.0	2500	2500
4039 T	95.0	110.0	2500	2500

4045 AFM 85	160	180	200	225	2300	2400	2500	2600
4045 D	78.0		85.0		2400		2400	
4045 DF 150	48.0		80.0		2250		2500	
4045 DFM 50	75.0		85.0		2400		2500	
4045 HF 475	173.0				2400			
4045 T	103	113	135	150	2300	2400	2500	2600
4045 TFM	102	115			2400	2400		
4045 TFM 50	105	120	135	150	2300	2400	2500	2600
4045 TFM 75		107	121	135		2400	2500	2600
4045 TFM 85			100	125			2400	2500

4239 A	99.0	117.0	2500	2500
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5030 HF 285	99.0		2800	
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6059 D	107.0	120.0	2400	2400
6059 T	143.0	165.0	2500	2500

6076 AFM	212.0	250.0	2200	2200
6076 AFM 30	215.0	300.0	2200	2400

6068 AFM 85	230	265	300	350		2300	2400	2500	2600	
6068 AFM 85	230	265	321	355	400	2400	2500	2600	2700	2800
6068 D	117.0		130.0			2400		2400		
6068 DFM	117.0					2400				
6068 H	203.0					2400				
6068 HF 475	275.0					2400				
6068 T	153	175	200	225		2300	2400	2500	2600	

6068 TFM	153	175	195	220	2400	2400	2500	2600		
6068 TFM 50	154	175	200	225	2300	2400	2500	2600		
6068 TFM 75	158	178	201		2400	2500	2600			
6068 SFM 50	182	208	236	267	300	2200	2300	2400	2500	2600
6068 SFM 75	249	280	321	355	400	2400	2500	2600	2700	2800
6068 SFM 85	249	280	321	355	400	2400	2500	2600	2700	2800

6076 A	215.0	225.0	250.0	2200	2200	2200
6076 AFM	212.0	250.0	2200	2200		
6076 AFM 30	215.0	300.0	2200	2400		
6076 T	170.0	200.0	2200	2200		
6076 H	235.0	275.0	2200	2200		

6081 A	235.0	2200						
6081 AFM 01	235	300	330	375	2100	2200	2300	2400
6081 AFM	235	300	330	375	2100	2200	2300	2400
6081 H	255.0	2200						
6081 T	170.0	2200						
6081 TFM	154	175	200	225	2300	2400	2500	2600

6090 AFM 75	285	325	375	425	2100	2200	2300	2400		
6090 AFM 85	285	325	375	425	2100	2200	2300	2400		
6090 HFC 95	425.0	2200								
6090 SFM 75	325	375	425	500	550	2100	2200	2300	2400	2500
6090 SFM 85	325	375	425	500	550	2100	2200	2300	2400	2500

6101 A	275.0	300.0	325.0	2100	2100	2100
6101 H	320.0	350.0	375.0	2100	2100	2100

6105 A	255.0	2100
6105 H	298.0	2100

6125 A	340.0	2100
6125 H	425.0	2100

6125 AFM 01	340	375	400	450	1800	1900	2000	2100
6125 S	380	449	526	610	1800	1900	2000	2100

6135 AFM 85	365	425	500	575	1800	1900	2000	2100		
6135 HF 485	601.0	2100								
6135 SFM 85	425	500	575	650	750	1800	1900	2000	2100	2200

6076 A	215.0	225.0	250.0	2200	2200	2200
6076 H	235.0	275.0		2200	2200	

6081 A	235.0				2200			
6081 AFM 01	235	300	330	375	2100	2200	2300	2400
6081 H	255.0				2200			
6081 T	170.0				2200			
6081 TFM	154	175	200	225	2300	2400	2500	2600

6090 HFC 95	425.0				2200			
6101 A	275.0	300.0	325.0		2100	2100	2100	
6101 H	320.0	350.0	375.0		2100	2100	2100	
6105 A	255.0				2100			
6105 H	298.0				2100			

6125 A	340.0				2100			
6125 H	425.0				2100			
6125 AFM 01	340	375	400	450	1800	1900	2000	2100

6135 HF 485	601.0				2100			
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6359 A	150.0		176.0		2500		2500	
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6619 A	255.0		301.0		2100		2100	
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KAMA	HP			RPM		
KG 160	4.49			3600		
KG 160L	5.50			3600		
KG 200	5.44			3600		
KG 270	7.48			3600		
KG 390	10.47			3600		
KG 690E	22.00			3600		
KM 160-KG 160-KG 160E	5.5			3600		
KM 200-KG 200-KG 200E	6.5			3600		
KM 270-KG 270-KG 270E	9.0			3600		
KM 280-KG 340-KG 340E	11.0			3600		
KM 300-KG 390-KG 390E	13.0			3600		
KM 170F-KM 170E	4.2	4.7		3600	3600	
KM 170 S	3.4	3.8		1500	1800	
KM 178F-KM 178FE	6.0	6.7		3600	3600	
KM 178 FS	5.03	5.44		1500	1800	
KM 186F-KM 186FE	7.75	8.57	10.0	3000	3600	3600
KM 186 FA	8.02	8.85		3000	3600	
KM 186 FM	7.75	8.57		3000	3600	
KM 186 FS	7.75	8.57		1500	1800	
290 FE	18.3	19.0		3000	3600	
380 G	28.6			3600		
480 G	39.4			3600		
ZS 1106 NM	15.0	16.5		2200	2200	
ZS 1110 NM	17.0	18.0		2200	2200	
ZS 1115 NM	20.0	22.0		2200	2200	
12 DL 500 F/E	10.0	11.0		3000	3600	

KATANA	HP		RPM	
Dizel Motorlari				
KM 170 F - FE	4.2	4.7	3600	3600
KM 178 F - FE	6.0	6.7	3600	3600
KM 186 F – FE	9.0	10.0	3600	3600
KM 188 F – FAE	10.0	12.0	3600	3600
KM 475	32.6	35.8	3200	3200
KM 480	38.9	42.7	3200	3200
KM 485	49.0	53.8	3200	3200
KM 490	62.0	68.2	3200	3200
KM 4100 Q	83.0	91.2	3200	3200
ZS 1105 NM	15.0	16.5	2200	2200
ZS 1110 NM	17.0	18.0	2200	2200
ZS 1115 NM	20.0	22.0	2200	2200
295 ACB	22.5	25.0	2000	2000
395 ACB	32.0	35.0	2000	2000
495 ACB	43.0	48.0	2000	2000
KDE 1.4 MYE Q	24.0	27.0	3000	3000
KDE 1.8 MYE Q	35.0	39.0	3200	3200
KDE 2.3 MYE Q	44.0	46.0	3200	3200
KDE 2.7 MYE Q	53.0	57.0	3200	3200
KDE 3.9 MYE Q	83.0	91.2	3200	3200
<i>Benzinli Motorlari</i>				
KG 160 L		5.5	3600	
KM 100		2.5	3600	
KM 120		4.0	3600	
KM 160 – KG 160 (E)		5.5	3600	
KM 200 – KG 200 (E)		6.5	3600	
KM 270 – KG 270 (E)		9.0	3600	
KM 280 – KG 340 (E)		11.0	3600	
KM 300 – KG 390 (E)		13.0	3600	
KM 420 E		16.0	3600	
KM 620 E		20.0	3600	
KG 690 E		22.0	3600	

KEM – Kodiak Marine	HP	RPM
2.4 L	125.0	4500
4.3 L	229.0	4600
4.3 L DI	309.4	5000
5.7 L Catalyst	302.0	4800
6.0 L LY6	364.0	5000
6.2 L LS3	413.0	5200

KIA	PSHP	RPM
4 D 56 Tci (K 2500)	94.0	3800
J2 (K 2700)	80.0	4000
J3 Crdi (K 2900)	125.0	3800
JT (K 3000S)	85.0	4000

KIOTI	PS-HP	RPM
3 C 093 (ARMK09-19)	19.0	2800
3 C 100 LWS	22.0	2800
3 A 139 LWS	28.0	2600
3 A 150 LWS	30.0	2600
3 A 165 LWS	34.0	2600
3 A 165 (ARMK16-34)	34.0	2700
4 A 200 LWS	41.0	2600
4 A 200 T LWS	50.0	2600
4 A 220 LWS	45.0	2600
4 A 220 T LWS	54.0	2600
4 A 220 (ARMK22-45)	45.0	2700
3 B 183 LWS	38.0	2600
4 B 243	50.0	2700
4 B 243 LWS	49.0	2600
4 B 243 T LWS	59.0	2600
4 B 243 DIT (ARMK24-65)	65.0	2700

KIPOR	HP				RPM			
KD 2 V 86 F	16.0				3600			
KM 2 V 80	22.0				3600			
KM 170 F (A)	3.35	3.75	3000	3600				
KM 170 F (A) M	3.08	3.35	3000	3600				
KM 170 FA/FEA	4.70		3000					
KM 170 F – FE-FY	5.00		3600					
KM 178 F (A)	4.93	5.36	3000	3600				
KM 178 F (A) M	4.42	4.93	3000	3600				
KM 178 FA/FEA	6.70		3000					
KM 178 F– FE-FY	7.00		3600					
KM 186 F (A)	7.64	8.44	3000	3600				
KM 186 F (A) M	6.97	7.64	3000	3600				
KM 186 FA/FEA	10.00		3000					
KD 186 F	7.64	8.44	3000	3600				
KD 188 F	8.84	9.85	3000	3600				
KD 373	10.0	12.2	14.6	15.0	1500	1800	2200	2400
	16.3	17.1	18.1		2600	2800	3000	
KD 388	16.7	20.1	24.6	26.7	1500	1800	2200	2400
	28.8	33.5			2600	3000		
KD 388 Z	20.1	24.2	29.5	32.0	1500	1800	2200	2400
	34.5	40.1			2600	3000		
KD 4105	54.7	64.7		81.6	1500	1800		2800
KD 4105 Z	66.6	79.0		98.0	1500	1800		2800
KD 488	22.3	26.7	32.8	35.6	1500	1800	2200	2400
	38.4				2600			
KD 488 Z	26.8	32.0	39.3	42.7	1500	1800	2200	2400
	46.0	52.5			2600	3000		
KD 6105	80.2	95.2		117.0	1500	1800		2800
KD 6105 Z	98.0	116.3		141.4	1500	1800		2800
KD 6171 ZL	378.0	415.0			1500	1800		
KD 6134 LCR	476.0	530.4			1500	1800		
KD 6146 ZLCR	748.0	830.0			1500	1800		

KG 160	5.50		3000	
KG 200	6.50		3000	
KG 280	9.00		3600	
KG 390 D – E	13.00		3000	
KG 690	18.00		3600	

KM 376 AG	20.8		23.8		3000		3600	
KM 493 G	31.6	40.8	46.5	51.0	1500	1800	2200	2600
				54.4				3000
KM 493 ZG	38.8	50.2		65.3	1500	1800		3000

KOHLER	psHP	RPM
CH 5 (Command)	5.0	3600
CH 6 (Command)	6.0	4000
CH 11 (Command)	11.0	3600
CH 13 (Command)	13.0	3600
CH 15 (Command)	15.0	3600
CH 18 (Command)	18.0	3600
CH 20 (Command)	20.0	3600
CH 22 (Command)	22.0	3600
CH 23 (Command)	23.0	3600
CH 25 (CH 730) (Command)	25.0	3600
CH 26 (Command)	26.0	3600
CH 260	6.4	4000
CH 270 (Command)	7.0	3600
CH 395 (Command)	9.5	3600
CH 440 (Command)	14.0	3600
CH 620	20.0	3600
CH 621 / CH 18	18.6	3600
CH 640	20.9	3600
CH 641 / CH 20	20.8	3600
CH 680	21.5	3600
CH 682	21.3	3600
CH 730	22.3	3600
CH 732	22.2	3600
CH 740 (Command)	27.0	3600
CH 742	24.7	3600
CH 745 (Command)	28.0	3600
CH 750 (Command)	30.0	3600
CH 752	26.0	3600
CH 940	31.8	3600
CH 980	33.5	3600
CH 1000	37.0	

CS 4	4.0	3600
CS 6	6.0	3600
CS 8.5	8.5	3600
CS 10	10.0	3600
CS 12	12.0	3600

ECH 440	14.0	3600
ECH 630	20.0	3600
ECH 650	21.1	3600
ECH 730	22.5	3600
ECH 740	24.5	3600
ECH 749	24.9	3600

FCH 749	24.9	3600
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M 8	(Magnum)	8.0	3600
M 10	(Magnum)	10.0	3600
M 12	(Magnum)	12.0	3600
M 14	(Magnum)	14.0	3600
M 16	(Magnum)	16.0	3600
M 18	(Magnum)	18.0	3600
M 20	(Magnum)	20.0	3600

K 91		4.0	3600
K 181		8.0	3600
K 241		10.0	3600
K 301		12.0	3600
K 321		14.0	3600
K 341		16.0	3600
K 582	(K Serie)	23.0	3600

LH 690	24.0		
LH 775	28.1	30.0	3600 3600

TH 16	(Ohc)	16.0	3600
TH 18	(Ohc)	18.0	3600

KOMATSU	psHP		RPM	

4D94-2	52	63	2900	2900
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4D95L-1	70	80	3000	3000
4D95S-1	60	71	3600	3600
6D95L-1	102	120	3000	3000
S6D95L-1	123	145	3000	3000

6D105-1	97	123	2300	2500
S6D105-1	138	168	2300	2500

4D105-5	65	82	2300	2500
S4D105-5	89	110	2300	2500

S 6D108-1	168	227	2300	2600
SA6D108-1	197	266	2300	2600

S 6D 110-1	153	182	2300	2500
SA6D 110-1	220	250	2400	2600

6 D 125-1	175	205	2100	2200
S 6D 125-1	225	294	2100	2200
SA6D 125-1	275	370	2100	2200

SA 6D140-1	394	493	1800	2100
S 6D140-1	315	394	1800	2100
SA 12 V 140-1	804	1050	2000	2100
SA6D155-4	465	520	2000	2000
S 6D155-4	385	425	2000	2000

SA6D 170-B-1	535	739	1800	2000
SA6D 170-A-1	600	715	2000	2000
S 6D 170-1	475	540	2000	2100

KUBOTA	Ps-HP		RPM	
B 2482	11.5	12.5	3000	3600
B 0662	16.0	17.0	3000	3600
B 01005	21.5	25.0	3000	3600
BV 1205	26.0	30.0	3000	3600
BV 1305	29.0	33.5	3000	3600
BV 2903	43.0		2800	
BV 2203	50.0		2800	
BF 2083	62.0		2800	

D 600-B	12.75	15.0	3600	3600
D 650-B	11.5	12.5	3000	3000
D 662-E	15.0	16.7	3600	3600

D 722	15.9	19.1	3200	3600
D 722-E	16.4	18.1	3600	3600
D 722-E2B (E4B)	20.0		3600	
D 722-E3B	16.4	18.8	3600	3600
D 750-B	13.0	14.5	3000	3000
D 782-E	15.7	18.1	3200	3200

D 850-B	17.0	19.0	3000	3000
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D 902		20.9		3200
D 902-E	20.4	23.5	3600	3600
D 902-E2B (E4B)	21.6		3200	
D 902-E3B	18.0	20.7	3200	3200
	20.4	23.5	3600	3600
D 905-B	20.5	23.5	3600	3600
	18.5	20.5	3000	3000
D 905-E	20.2	23.2	3600	3600
	16.8	19.7	3000	3000
D 905-E2-D21-EU	18.0		2700	

D 1005-B	22.5	26.0	3600	3600
D 1005-E	22.2	25.6	3600	3600
	18.7	22.2	3000	3000
D 1005-E2-D21-EU	22.0		2700	
D 1005-E3B	19.6	22.5	3000	3000
	20.4	23.5	3600	3600
D 1005-E3-ZD-2		26.0		3200

D 1105-B	22.0	25.0	3000	3000
D 1105-E2-D21-EU	22.0	25.0	2700	2700
D 1105-E3B	20.8	23.9	3000	3000
D 1105-TK	30.5	31.5	3000	3000

D 1305-E3B	24.4	28.2	3000	3000
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D 1402-B	25.0	28.5	2800	2800
D 1403-B	25.0	28.0	2800	2800
D 1403-E	24.7	28.6	2800	2800

D 1503-M	27.7	32.0	2800	2800
D 1503-M-E3B	32.4		2800	

D 1703-B	30.0	33.5	2800	2800
D 1703-E	29.6	34.0	2800	2800
D 1703-M	30.4	35.0	2800	2800
D 1703-M-E3B	35.5		2800	

D 1803-M	31.7	36.5	2800	2800
D 1803-M-CR-E4B	37.5		2700	
D 1803-M-CR-TE4B	49.6		2700	
D 1803-M-E3B	37.9		2700	

D 3202-B	52.0	60.0	2400	2400
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D 3502-B	56.5	65.0	2400	2400
D 3502-TB	69.5	80.0	2400	2400

DH 850-B	20.0	22.0	3600	3600
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DF 752-E2	24.5		3600	
DF 972-E2	32.5		3600	
DG 750-E	17.0	21.0	3600	3600
DG 972-E2	19.4	23.6	3600	3600
DG 1105-CO-1	18.8	22.8	2500	2500

E 75-NB3	5.4	6.2	2500	2500
EA 300	6.0	7.0	3000	3000
EA 300-E	5.9	6.9	3000	3000
EA 300-E2-NB1 (APV)	6.0	7.0	3000	3000
EA 330-E3	6.8		3000	
EA 330-E3-NB1	7.0		3000	
EA 200-N	3.5	4.0	2600	2600

EL 300	5.0	6.0	2500	2500
EL 300-E2-AR (KCL)	4.0	4.5	2000	2000
F 2503-T	67.4	70.0	2800	2800
F 2803-E	49.3	56.7	2800	2800
GH 120	2.8	3.7	3600	3600
GH 170	4.3	5.5	3600	3600
GH 250	6.0	8.0	3600	3600
GH 280	6.6	9.0	3600	3600
GH 340	8.0	11.0	3600	3600
GH 400	9.0	13.0	3600	3600
OC 60	5.6	6.0	3600	3600
OC 60-E	5.5	6.0	3600	3600
OC 60-E3		6.1		3600
OC 80	7.0	8.0	3600	3600
OC 95	8.5	9.3	3600	3600
OC 95-E	8.4	9.4	3600	3600
OC 95-E3		9.5		3600
S 2800-B	45.5	52.5	2600	2600
V 800-B	17.0	20.0	3600	3600
V 1100-B	22.5	25.0	3000	3000
V 1105-E2-D21-EU	30.0		2600	
V 1200-B	24.5	27.0	3000	3000
V 1205-B	27.0	31.5	3600	3600
	23.0	27.0	3000	3000
V 1205-E	26.6	31.1	3600	3600
	22.0	26.6	3000	3000
V 1205-TE	34.5	40.0	3600	3600
	29.0	34.0	3000	3000
V 1305-B	30.0	34.5	3600	3600
	25.5	30.0	3000	3000
V 1505-B	29.0	33.5	3000	3000
V 1505-E3B	29.1	33.5	3000	3000
V 1505-T	40.5	42.0	3000	3000
V 1505-T-E3B	36.5	42.0	3000	3000
V 1702-B	31.0	36.0	2800	2800
V 1902-B	33.0	38.5	2800	2800
V 1903-B	34.0	37.5	2800	2800
V 1903-E	33.5	38.5	2800	2800

V 2003-M	37.0	43.0	2800	2800
V 2003-M-E3B	34.7	40.0	2800	2800
V 2003-MT	48.2	56.1	2800	2800
V 2003-T	54.0	56.0	2800	2800
V 2203-DI-B	40.0	46.0	2800	2800
V 2203-E	39.5	45.4	2800	2800
V 2203-M	40.5	46.7	2800	2800
V 2203-M-E3B	38.5	44.3	2800	2800
V 2403-CR-E4B	50.1		2700	
V 2403-CR-TE4B	65.1		2700	
V 2403-M	42.3	48.7	2800	2800
V 2403-M-E3B	39.4	45.5	2700	2700
V 2403-M-DI-E3B	40.8	46.9	2700	2700
V 2403-M-T	59.0		2700	
V 2403-M-T-E3B	48.0	55.4	2700	2700
V 2607-CR-TE4B	71.0		2700	
V 2607-DI-E38	49.0		2700	
V 2607-DI-T-E3B	55.3	63.7	2700	2700
V 2607-DI-TI	65.9		2700	
V 3007-DI-T-E3B	65.9		2600	
V 3300	59.9	69.0	2600	2600
V 3300-DI	61.7	71.0	2600	2600
V 3300-DI-T	75.3	86.7	2600	2600
V 3300-E2B	59.1	68.0	2600	2600
V 3300-T	73.1	84.2	2600	2600
V 3300-T-E2B	72.1	83.0	2600	2600
V 3307-DI-T	74.2		2600	
V 3307-DI-T-E3B	62.5	72.0	2600	2600
V 3307-CR-TE4	65.0		2000	
V 3307-CR-TE4B	74.2		2600	
V 3600	66.7		2600	
V 3600-E3B	53.9	62.1	2600	2600
V 3600-T	84.4		2600	
V 3600-T-E3B	69.0	79.5	2600	2600
V 3800-DI	69.4	80.0	2600	2600
V 3800-DI-T	83.3	96.0	2600	2600
V 3800-DI-T-E3B	81.6	94.0	2600	2600
V 3800-CR-TE4	84.0		2600	
V 3800-CR-TIE4	102.0		2400	
V 3800-CR-TE4B	99.8		2600	
V 3800-CR-TI-E4B	114.0		2600	

VH 1100-B	27.0	29.5	3600	3600
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VG 2203-CO-1	32.9	36.5	2200	2200
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WG 600-B	21.0		3600	
WG 750-E	19.5	23.0	3600	3600
WG 752-G-E3	18.0	22.9	3600	3600
WG 972-GL-E3	25.0	31.0	3600	3600
WG 1605	57.0		3600	
WG 1605-G-E3	35.9	44.9	3000	3000
	41.3	51.6	3600	3600
WG 2503	64.3		2700	

Z 400-B	8.5	10.0	3600	3600
Z 482	11.0	12.7	3200	3600
Z 482-E	10.8	12.5	3600	3600
Z 482-E2B (E4B)	13.3		3600	
Z 482-E3B	10.9	12.5	3600	3600
Z 500-B	8.5	9.5	3000	3000
Z 600-B	11.0	12.5	3200	3200
Z 602		13.7		3200
Z 602-E	13.5	15.6	3600	3600
Z 602-E2B (E4B)	14.5		3200	
Z 602-E3B	11.8	13.5	3200	3200
	13.5	15.6	3600	3600

ZB 600-C	11.0	12.5	3200	3200
ZB 400-B	8.0	9.0	3200	3200
ZB 600-E	10.8	12.3	3200	3200

ZH 600-B	11.5	14.0	3600	3600
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LEYLAND	PSHP	RPM
6 TX 200	200.0	2600
6 T 125	125.0	
6 TX 125	125.0	2800
6 N 125	125.0	2800
6 T 165	165.0	2700
1800 cc	52.0	4250
4/98	75.0	2600
6/98	120.0	2600

ASHOK-LEYLAND	psHP			RPM		

ALM 370	76.0	89.0	98.0	1500	1800	2000
ALM 400	84.0	99.0	109.0	1500	1800	2000
ALM 402	90.0	110.0	118.0	1500	1800	2000
ALM 412	90.0	100.0		1500	1500	
	110.0	122.0		1800	1800	
	122.0	135.0		2000	2000	
ALM 412 MKI	100.0	110.0		1500	1500	
	119.0	131.0		1800	1800	
	127.0	140.0		2000	2000	
ALM 680	129.0	142.0		1500	1500	
	148.0	164.0		1800	1800	
	156.0	172.0		2000	2000	
ALM 680 TC	146.0	161.0		1500	1500	
	167.0	184.0		1800	1800	
	175.0	193.0		2000	2000	
ALM N6	340.0			2200		

ALM W 04D	42.0	50.0		1500	1500	
	52.5	62.5		1800	1800	
	57.0	68.0		2000	2000	
ALM W06DTI	205.0			2500		

ALM 4 CTI	103.0	110.0	120.0	1800	2000	2400
ALM 6 ETI	141.0	151.0	160.0	1800	2000	2400
ALM D 6 ETI MK1	156.0	172.0	180.0	1500	2000	2400
ALM D 6 TI	190.0		205.0	2000		2500

LIJIA	psHP		RPM	
SL 2100 ABC	29.2	32.0	2200	2400
SL 2100 ABN	33.3	34.5	2500	2600
SL 2105 ABC	32.4	35.4	2200	2400
SL 2105 ABN	36.7	38.4	2500	2600
SL 2108 ABC	34.3	37.4	2200	2500
SL 2108 ABN	38.9	40.8	2500	2600
SL 2110 ABC	35.6	38.9	2200	2400
SL 2110 ABN	40.5	42.2	2500	2600
LJ 225 C	42.2	46.2	2200	2400
LJ 225 N	50.3	51.7	2400	2500
LJ 225 ZC	51.0	55.8	2200	2400
LJ 226 C	44.9	47.6	2200	2400
LJ 226 N	53.0	54.4	2400	2500
LJ 226 ZC	53.3	59.2	2200	2400
LJ 227 N	54.4	56.4	2400	2500

LISTER- PETTER	psHP						RPM					
AC 1	3.1	3.6	4.4	5.5	6.6	7.1	1500	1800	2100	2500	3000	3600
	2.8	3.3	4.0	5.0	6.0	6.5						
AD 1	3.7	4.4	5.2	6.4	7.8	7.8	1500	1800	2100	2500	3000	3600
	3.4	4.0	4.7	5.8	7.1							

Alpha 20	20.0	3000
Alpha 30	30.0	3000
Alpha 40	40.0	3000
Alpha 55 T	55.0	3000

Canal Star 18	18.0	2600
Canal Star 27	27.0	2600
Canal Star 36	36.0	2600
Canal Star 45	45.0	3000

CD 4	54.7	66.5	79.9	82.7	86.9	1200	1500	1800	2000	2200
	49.7	60.5	70.8	75.2	79.0					
CD T4	74.0	93.7	106.6	112	114	1200	1500	1800	2000	2200
	67.3	85.2	96.9	101.8	103.7					

CSTI 6 MGR	146.0	172.0	186.0	200.0	1750	2000	2200	2500
		192.0	205.0	220.0				
CST 6 MGR	119.4	126.5	139.5	150.0	1900	2000	2200	2400
	132.0	140.0	154.0	166.0				
CS 6 MGR	84.0	100.0	106.7	115.0	1500	2000	2200	2600
				135.0				2600
		113.0	118.7	128.0				
CS 4 MGR	47.5	63.0	68.0	76.5	1500	2000	2200	2600
				90.0				2600
		69.0	75.0	85.0				
CRK 3 MGR	23.7	37.0	45.2	49.0	1000	1500	2000	2500
				60.0				2500
			50.2	54.0				

DWS4	31.4	40.5	47.9	52.3	56.2	62.1	1200	1500	1800	2000	2200	2500
	33.5	42.4	49.5	54.0	58.4	65.0						
		38.5	42.3					1500	1500			
		44.5	48.9					1800	1800			

Gamma GW 4-22	53.6	56.3	67.0	1500	1800	2200
Gamma GW T4-22	80.4	87.1	93.8	1500	1800	2200
Gamma GWT 6-2A-22	100.5	116.6	123.3	1500	1800	2200
Gamma GWTA 6-2A-22	137.0	153.0	164.0	1500	1800	2200

HR2-(HRW2) (Lister)	17.9	22.6	26.3	28.9	1200	1500	1800	2000
	31.0	34.6			2200	2200		
HR3-(HRW3) (Lister)	26.8	33.9	39.4	43.3	1200	1500	1800	2000
	46.5	51.9			2200	2200		
HR4-(HRW4) (Lister)		62.0	69.1	67.3		2200	2200	2500
HR6-(HRW6) (Lister)		93.0	103.7	101.0		2200	2200	2500
HRWS6M			102.0	113.8			2000	2000

JW 6 M			150.0	167.3			2000	2000
JW S6M			170.0	189.6			2000	2000

LPW 2	9.1	11.4	12.9	15.8	18.0	1500	1800	2000	2500	3000		
	10.0	12.6	14.2	17.4	19.7							
LPW 2 G	10.1	12.5	18.0	18.8		1500	1800	3000	3600			
	11.0	13.7	19.7									
LPW 3	13.8	17.2	19.4	23.7	27.0	1500	1800	2000	2500	3000		
	15.1	18.9	21.3	26.1	29.6							
LPW 4	18.2	22.7	25.9	31.6	35.9	1500	1800	2000	2500	3000		
	18.2	22.8	25.9	31.6	39.5							
LPW T4	27.7	35.3	38.5	46.0	50.2	1500	1800	2000	2500	3000		
	29.9	38.2	41.5	48.0	53.9							
LPWS 2	9.9	12.2	13.5	16.3	18.0	1500	1800	2000	2500	3000		
	10.9	13.4	14.9	18.0	19.7							
LPWS 3	14.9	18.2	20.4	24.5	26.9	1500	1800	2000	2500	3000		
	16.4	20.1	22.3	26.9	29.6							
LPWS 4	19.7	24.4	27.0	32.7	35.9	1500	1800	2000	2500	3000		
	21.7	26.8	30.0	35.9	39.5							
LT 1	2.8	4.4	5.3	5.9	7.4	8.3	1000	1500	1800	2000	2500	3000
	2.5	4.0	4.8	5.4	6.7	7.5						
LV 1	3.2	5.2	6.3	7.0	8.6	9.9	1000	1500	1800	2000	2500	3000
	2.9	4.8	5.8	6.4	7.8	9.0						
LPA 2	7.0					15.6	1500					3600
	6.3					14.1						
LPA 3	10.5					23.3	1500					3600
	9.5					21.2						

LR1	(Lister)	1.5	2.1	2.6	3.3	750	1000	1200	1500
		4.0	4.5	5.75		1800	2000	2500	
LR2	(Lister)	3.0	4.2	5.2	6.6	750	1000	1200	1500
		8.0	9.0	11.5		1800	2000	2500	
LV1M	(Lister)	9.0	10.04			3000	3000		
LV2M	(Lister)	18.0	20.08			3000	3000		

Omega 100	163	195				1500	1800			
	180	214								
Omega OWTM 6 1021	60.3	73.8	116.7	162.3	248.1	1200	1400	1600	1800	2100
Omega OWTM 6 1022	105	126	148	167	188	1000	1100	1200	1300	1400
	204	221	233	236	236	1500	1600	1800	2000	2200
Omega 200	270	336				1500	1800			
	298	369								
Omega OWTM 6 2021	56.3	97.9	147.5	203.8	321.8	1200	1400	1600	1800	2100
Omega OWTM 6 2022	165	227	245	263	280	1000	1100	1200	1300	1400
	299	315	338	351	358	1500	1600	1800	2000	2200

SR1	(Lister)		3.0	4.0	5.0	750	1000	1200	1500
		6.0	6.5	8.15		1800	2000	2500	
SR2	(Lister)		6.0	8.0	10.0	750	1000	1200	1500
		12.0	13.0	16.3		1800	2000	2500	
SR3	(Lister)		9.0	12.0	15.0	750	1000	1200	1500
		18.0	19.5	22.5		1800	2000	2500	

ST1M	(Lister)	8.75	9.8			2200	2200		
STW2M	(Lister)	20.0	23.0			2300	2300		
STW2MA	(Lister)	9.5	12.0	14.5	15.2	1200	1500	1800	2000
					20.0				2600
STW2 MGR		13.0	16.0	17.8	20.0	1500	1800	2000	2300
STW3 MGR		19.5	24.0	26.7	30.0	1500	1800	2000	2300
STW3M	(Lister)	30.0	34.5			2300	2300		
STW3MA	(Lister)	14.0	18.0	22.0	24.3	1200	1500	1800	2000
					30.0				2600
TR 1		7.4	9.0	9.8	11.5	1500	1800	2000	2500
		8.2	9.9	10.7	12.7				
TR 2		14.8	17.6	19.4	23.2	1500	1800	2000	2500
		16.2	19.3	21.5	25.5				
TR 3		22.5	27.1	29.8	34.7	1500	1800	2000	2500
		24.8	29.8	32.7	38.2				

TS 1		6.6	7.9	8.8	10.7	1500	1800	2000	2500
		6.0	7.3	8.1	9.8				

TS 2	13.9	17.2	19.2	23.1	1500	1800	2000	2500
	12.7	15.5	17.4	20.9				
TS 3	20.9	25.6	28.7	34.5	1500	1800	2000	2500
	19.0	23.3	26.1	31.4				

TS2M	(Lister)	20.7	23.09			2600	2600		
TS3M	(Lister)	31.05	34.63			2600	2600		

TX 2	18.1	22.1	24.8	29.9	31.9	1500	1800	2000	2500	2800
	16.5	20.1	22.5	27.2	29.0					
TX 3	27.1	33.1	37.1	44.8	47.7	1500	1800	2000	2500	2800
	24.7	30.2	33.8	40.8	43.5					

Sigma 20-20	21.4	32.2	37.1	38.5	1000	1500	1800	2000				
Sigma 25-22	30.8	38.9	44.2	48.8	1200	1500	1800	2200				
Sigma 30-22	34.7	46.2	51.0	57.1	1200	1500	1800	2200				
Sigma SWT46041V	39.5	53.6	68.3	80.4	87.1	88.5	1600	2000	2500	3000	3600	4100
Sigma SW 43043V	24.1	32.0	42.8	46.9	59.0	67.0	1600	2000	2500	3000	3600	4200

ZA 1	2.3	2.8	3.2	4.3	5.1	5.6	1500	1800	2000	2500	3000	3600
	2.5	3.1	3.6	4.7	5.6	6.3						

LOMBARDINI	HP		RPM	
LA 205 (Lap 205)	4.0		3600	
LA 250 (Lap 250)	5.0		3600	
LA 300 (Lap 300)	6.0		3600	

3 LD 450	8.1	9.0	3000	3000
3 LD 450/L	6.8	7.5	2200	2200
3 LD 450 M	7.0		2500	
3 LD 510	9.0	10.0	3000	3000
3 LD 510/L	6.8	7.5	2200	2200
4 LD 640	10.8	12.0	3000	3000
4 LD 640/L	9.0	10.2	2200	2200
4 LD 640 M	10.0		2500	
4 LD 705	12.0	13.4	2600	2600
4 LD 820	14.0	15.5	2600	2600
4 LD 820/L	12.3	13.5	2200	2200

5 LD 825.2	27.0	30.0	3000	3000
5 LD 825.3	40.8	45.0	2600	2600
5 LD 825.4	53.5	59.8	2600	2600
5 LD 930.3	44.0	48.0	2300	2300
5 LD 930.4	60.5	64.5	2300	2300

6 LD 260	4.1	4.5	3600	3600
6 LD 260/C	4.1	4.5	1800	1800
6 LD 325	5.4	6.0	3600	3600
6 LD 325/C	5.4	6.0	1800	1800
6 LD 325 M	5.0		3200	
6 LD 360	6.4	7.0	3600	3600
6 LD 360/C	6.4	7.0	1800	1800
6 LD 360 M	6.0		3200	
6 LD 360/V	6.4	7.0	3600	3600
6 LD 400	7.3	8.0	3600	3600
6 LD 435	8.3	9.2	3600	3600
6 LD 435/B1	6.7	7.4	3000	3000

7 LD 600/I	11.0	12.0	3000	3000
7 LD 665/I	12.5	13.5	3000	3000
7 LD 640/I	14.0	15.0	3000	3000
7 LD 665	12.5	13.5	3000	3000

7 LD 665/F	12.5	13.5	3000	3000
7 LD 740	14.0	15.0	3000	3000
8 LD 600-2	21.0	23.0	3000	3000
8 LD 665-2	24.0	26.0	3000	3000
8 LD 665-2L	20.0	22.0	2200	2200
8 LD 740-2	23.8	26.7	2600	2800
9 LD 560-2	21.0	23.0	3000	3000
9 LD 625-2	23.0	25.5	3000	3000
10 LD 360-2	13.0	14.3	3600	3600
10 LD 400-2	15.0	16.3	3600	3600
11 LD 626-3	35.8	39.0	3000	3000
12 LD 435-2/B1	16.6	18.0	3600	3600
12 LD 475-2	18.4	20.2	3000	3000
12 LD 477-2	19.7	21.4	3600	3600
15 LD 225	4.2	4.5	3600	3600
15 LD 225 S	3.1	3.4	3000	3000
15 LD 315	5.6	6.2	3600	3600
15 LD 350	6.4	7.0	3600	3600
15 LD 350 S	5.6	6.2	3600	3600
15 LD 440	9.1	10.1	3600	3600
15 LD 440 S	8.4	9.2	3600	3600
15 LD 500	10.2	11.1	3600	3600
25 LD 330-2	14.0	15.2	3600	3600
25 LD 425-2	16.3	17.7	3600	3600
832	27.0	30.0	2600	2600
833	41.0	45.0	2600	2600
834	54.0	60.0	2600	2600
904	21.0	23.0	3000	3000
914	24.0	26.0	3000	3000
LDA 96		13.0		3000
LDA 100		15.0		3000
LDA 450	8.1	10.0	3000	3000
LDA 672	24.0	26.0	3000	3000
LDA 673	36.0	39.0	3000	3000

LDW 245 JMTI/A		240.0		4200
LDW 442		11.5		4400
LDW 502	11.2	12.4	3600	3600
LDW 602	12.5	14.0	3600	3600
LDW 702	14.4	16.0	3600	3600
LDW 903	18.6	21.2	3600	3600
LDW 1003	22.2	24.5	3600	3600
LDW 1204	27.0	30.0	3600	3600
LDW 1204/T	35.0	38.7	3600	3600
LDW 1404	31.0	34.0	3600	3600
LDW 1503	30.2	33.5	3000	3000
LDW 1603	34.5	37.5	3000	3000
LDW 1904 Max		40.8		3000
LDW 2004	40.2	44.9	3000	3000
LDW 2004/T	51.4	57.0	3000	3000
LDW 2204	44.0	49.0	3000	3000
LDW 2204/T	57.5	63.9	3000	3000
LDW 194 JMT Max		150.0		4000

LGA 225	4.7	5.0	3600	3600
LGA 226	4.9	6.0	3600	4000
LGA 280	8.16	9.0	3600	3600
LGA 340	10.0	11.0	3600	3600
LGW 523		17.7		3600
LGW 523 mipi		20.4		5000

IM 250	5.0	6.0	3600	3600
IM 300	6.0	7.0	3600	3600
IM 350	7.0	8.0	3600	3600
IM 359	7.5	9.0	3600	3600

ANTOR	psHP		RPM	
(Lombardini)				

AD 210	4.2	4.7	3600	3600
AD 300	6.0	6.7	3600	3600
AD 410	9.0	10.0	3600	3600

Marine Diesel	psHP	RPM
* (Asmelsan) LOTUS		Tr
MD 318 BD (Daihatsu)	18.0	3600
MD 320 D (Daihatsu)	20.0	3000
MD 327 BD (Daihatsu)	27.0	3600 (3000)
MD 334 BD (Daihatsu)	34.0	3600
MD 335 DT (Daihatsu)	35.0	3600
MD 335 YC (Yuchai)	35.0	3200

MD 415 4H (Hyundai)	154.0	4000
MD 449 Y (Yang Dong)	49.0	3200
MD 455 YC (Yuchai)	55.0	3200
MD 461 Y (Yang Dong)	61.0	3200
MD 465 H (Hyundai)	65.0	3000
MD 475 YC (Yuchai)	75.0	3200
MD 480 H (Hyundai)	80.0	4000
MD 483 Y (Yang Dong)	83.0	3200

MD 4110 H (Hyundai)	110.0	3400
MD 4140 YC (Yuchai)	140.0	2800
MD 4154 H (Hyundai)	154.0	4000
MD 4170 H (Hyundai)	170.0	3400
MD 6230 YC (Yuchai)	230.0	2300
MD 6350 H (Hyundai)	350.0	2100
MD 6350 YC (Yuchai)	350.0	2200

LUGGER	HP			RPM		
(Komatsu)						

L 439 D	67	85	90	2200	2500	2800
L 439 T	86	110	120	2200	2500	2800

L 668 D	105	140	145	2200	2200	2500
L 668 T	90	123	130	2200	2200	2200
L 844 D	30	40		2400	2800	
L 944 D		65			2500	
L 1064 D		67			2300	
L 1064 T1		100			2800	
L 1064 A	115	125	140	2000	2200	2400
L 1066 T	135	165	170	2200	2400	2500
L 1066 A	185	200	250	2400	2200	2400
L 1066 H		250	275		2200	2400
L 1276 A2	340	425	525	1800	2100	2100

L 6108 A	300	370	410	2300	2600	2700
L 6125 A	325	425	490	2100	2200	2300
L 6125 H	350	440	470	1800	2200	2300
L 6140 AL	500	600	700	1800	2100	2100
L 6170 A	700	750	825	1800	2000	2100

L 12V 140A	950	1150	1300	1800	2100	2100
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MAN	PS-HP				RPM					
<i>Endüstri</i>										
D 2540 MLE				585.0					2300	
			450.0	496.0			1800		2300	
				450.0					1800	
D 2540 MTE	280.0	326.0	366.0	389.0	460.0	1500	1800	2100	2300	2300
	299.0	345.0	388.0	412.0		1500	1800	2100	2300	
				440.0					2300	

D 2542 MTE	326.0	390.0	439.0	466.0	550.0	1500	1800	2100	2230	2300
D 2542 MLE					700.0					2300
			571.0	585.0				1800		2300
				520.0						1800
D 2542										

D 2565 M					192.0					2200
D 2565 ME					240.0					2200
		170.0	204.0	231.0			1500	1800		2100
		160.0	188.0	214.0			1500	1800		2100
D 2565 MF					192.0					2200

D 2566 M					248.0					2200
D 2566 ME	160	170	196	204	214	231	1500	1800		2100
D 2566 MK	329.0						2200			
D 2566 MKF	320.0						1900			
D 2566 MLE					340.0					2200
					313.0					2100
					285.0					1800
D 2566 MUH					240.0					2200
D 2566 MT					288.5					2200
D 2566 MTE					326.0					2200
					277.0					2100
					252.0					1800
D 2840 ME	235	279	307	320	355	365	1500	1800	2100	2300
	262	310	343	355	365	365	1500	1800	2100	2300
				365						2300
D 2842 ME	287	340	388	408	428	460	1500	1800	2100	2300
	315	374	415	428	460	460	1500	1800	2100	2300
				460						2400

Marin													
D 0224 ME	43.0	52.0	60.0	67.0	73.0	90.0	1500	1800	2100	2400	2800	3000	
D 0226 ME						136.0							3000
	90.0	105.0	113.0	130.0			1800	2100		2400			2800
	82.0	95.0	107.0	118.0			1800	2100		2400			2800
D 0226 MLE						210.0							2800
				170.0	200.0					2600			2800
						170.0							2600
D 0226 MTE						184.0							2800
				165.0	170.0					2600			2800
						150.0							2600
D 0824 E			100.0				2700						
D 0826 E			150.0				2700						
D 0826 LE			310.0				2600						
D 0826 LE 40		200.0			270.0			2100			2600		
D 0836 LE 401 EDC			450.0				2600						
D 0836 LE 402 EDC			360.0				2400						

D 2676 LE 421			520.0				1800						
D 2676 LE 422			650.0				2100						
D 2676 LE 423			800.0				2300						
D 2676 LE 424			520.0				1800						
D 2676 LE 425			650.0				2100						
D 2676 LE 431			440.0				1800						
D 2676 LE 432			560.0				2100						
D 2676 LE 434			440.0				1800						
D 2676 LE 435			560.0				2100						
D 2676 LE 443			730.0				2300						

D 2840 LE			590.0		635.0			2300		2300		
					560.0			2100				
		470.0	496.0				1800	1800				
D 2840 LXE					820.0					2300		
					650.0			2100				
D 2840 LE 401		650.0			820.0		2100		2300			
D 2840 LE 402		600.0					1800					
D 2840 LE 403 EDC		1050.0					2300					
D 2840 LE 404 EDC		820.0					2100					

D 2840 LE 407	860.0			2300		
D 2842 LE		707.0	760.0		2300	2300
			676.0		2100	
	571.0	600.0		1800	1800	
D 2842 LXE			900.0			2300
			800.0		2100	
D 2842 LYE	800.0		1000.0	2100		2300
D 2842 LZE		1100.0		2300		
D 2842 LE 401	800.0		1000.0	2100		2300
D 2842 LE 402	600.0		1100.0	1800		2300
D 2842 LE 403	720.0			1800		
D 2842 LE 404 EDC		1300.0		2300		
D 2842 LE 405 EDC		900.0		2100		
D 2842 LE 406		1200.0		2300		
D 2842 LE 407		1200.0		2300		
D 2842 LE 408		1000.0		2100		
D 2842 LE 409 EDC		1500.0		2300		
D 2842 LE 410 EDC		1100.0		2100		
D 2842 LE 411		1000.0		2300		
D 2842 LE 412		800.0		1800		
D 2842 LE 413		1000.0		2100		
D 2842 LE 416 EDC		1100.0		2300		
D 2842 LE 419 EDC		598.0		1800		
D 2848 LE		472.0	510.0		2300	2300
		450.0			2100	
	380.0	400.0		1800	1800	
D 2848 LXE			680.0			2300
		500.0			2100	
D 2848 LE 401		680.0		2300		
D 2848 LE 403		800.0		2300		
D 2848 LE 405		650.0		2100		
D 2848 LE 422		750.0		2100		

D 2862 LE 421	900.0	1800
D 2862 LE 422	1019.0	2100
D 2862 LE 424	900.0	1800
D 2862 LE 425	1019.0	2100
D 2862 LE 426	1550.0	2300
D 2862 LE 431	749.0	1800
D 2862 LE 432	1200.0	2100
D 2862 LE 434	749.0	1800
D 2862 LE 435	1200.0	2100
D 2862 LE 436	1800.0	2300
D 2862 LE 441	1000.0	1800
D 2862 LE 444	1000.0	1800
D 2862 LE 456	1650.0	2300
D 2862 LE 463	1400.0	2100
D 2862 LE 466	1400.0	2100

D 2866 E			252.0			2200				
	224.0	242.0		2100	2100					
	205.0	220.0		1800	1800					
	170.0	180.0		1500	1500					
D 2866 TE	306.0	320.0	340.0	2200	2200	2200				
		300.0			2100					
	258.0	280.0		1800	1800					
D 2866 LE		380.0	408.0			2200				
		354.0			2100					
	326.0	340.0		1800	1800					
D 2866 LF	400.0			2000						
D 2866 LF 06	420.0			2000						
D 2866 LXE 40	258	340	379	400	440	1800	1800	1800	2100	2200
D 2866 LXE 47	300.0			1800						
D 2866 LE 401	600.0			2200						
D 2866 LE 402	500.0			2200						
D 2866 LE 403	500.0			2100						
D 2866 LE 405	610.0			2200						

D 2868	600.0	1800
D 2868 LE 421	600.0	1800
D 2868 LE 422	800.0	2100
D 2868 LE 424	600.0	1800
D 2868 LE 426	1000.0	2300
D 2868 LE 431	680.0	1800
D 2868 LE 436	1200.0	2300

D 2876 LE 401 EDC	700.0	2200
D 2876 LE 402 EDC	560.0	2100
D 2876 LE 403 EDC	450.0	1800
D 2876 LE 404 EDC	630.0	2200
D 2876 LE 405 EDC	730.0	2200
D 2876 LE 406 EDC	381.0	1800
D 2876 LE 407 EDC	490.0	1800

I6 -730	730.0	2300
I6-800	800.0	2300

R 6 – 550	550.0	2600
R 6 – 730	730.0	2300
R 6 – 800	800.0	2300

V 8 – 750	750.0	2100
V 8 – 900	900.0	2300
V 10 – 900	900.0	2100
V 8 – 1000	1000.0	2300
V 10 – 1100	1100.0	2300
V 12 – 1100	1100.0	2100
V 8 – 1200	1200.0	2300
V 12 – 1224	1224.0	2300
V 12 – 1360	1360.0	2300
V 12 – 1400	1360.0	2300
V 12 – 1550	1550.0	2300
V 12 – 1650	1650.0	2300
V 12 – 1800	1800.0	2300
V 12 – 1900	1900.0	2300

MARINE BLUE	HP	RPM
(Marinization)		Tr
27 (Yang Dong)	27.0	3000
37 (Yang Dong)	37.0	3000
360 (Man 2866 LE)	360.0	2200
440 (Man 2866 LE 401)	440.0	2200
500 (Man 2866 LXE 401)	500.0	2200
650 (Mercedes OM 443)	650.0	2200
1075 (Mervedes OM 444)	1075.0	2200

MARINEDIESEL	HP	RPM
MD 170	170.0	3500
MD 200	200.0	3600
MD 250 SC	250.0	3600
MD 300	300.0	3600
MD 350 SC	300.0	3600
MD 400 SC	400.0	4000
VGT 350	350.0	3500
VGT 400	400.0	3500
VGT 450	450.0	3500
VGT 500	500.0	3600
SDE 1.3	70.0	4000
FAM B 2.0	130.0	4000
MDNA 07A	145.0	3200
MDTD07A	210.0	3400
MDSC07A	225.0	3200
MD66T09A	311.0	3400
MD66T09B	358.0	3400
Vortec 2.4	129.0	5000
Vortec 3.0	94.0	3200
Vortec 4.3	226.0	4800
Vortec 5.7	292.0	4800
Vortec 6.0	385.0	5600
Vortec 6.2	418.0	5400

MARINE POWER	HP			RPM		
181 RX	145.0			4300-4600		
181 RP	165.0			4300-4600		
250 SA	165.0			4300-4600		
262 KF	200.0			4300-4600		
350 AN	260.0			4000-4400		
350 CA	300.0			4600-5000		
350 CP	325.0			4600-5000		
454 XN	340.0			4000-4400		
454 XF	390.0			4600-5000		
454 XS	440.0			4800-5200		
502 FC	410.0			4400-4800		
502 FS	475.0			4800-5200		
540 SD	550.0			4600-5000		
540 TD	575.0			4800-5200		
Vortec 3000	140.0	143.0		4800	4800	
Vortec 4300		226.0			4800	
Vortec 5000		253.0			4800	
Vortec 5700		292.0			4800	
Vortec 6000 V8 VVT/LY6		385.0			5600	
LS3 6.2 L V8		418.0			5400	
LSA 6.2 L V8 SC		540.0			5400	
<i>Diesel</i>						
396 CID	165.0	230.0	275.0	3600	3600	3600

MEGATECH	HP			RPM		
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MT 200 M (Mwm 4.10 TCA)	170.0	200.0		2500	2500	
MT 320 M (Mercedes OM 366)	320.0			2800		
MT 400 M (Mercedes OM 366)	400.0			2900		
MT 430 M (Mwm 6.12 TCW)	360.0	430.0		2500	2500	
MT 440 E (Mercedes OM 926)	440.0			2800		
MT 500 E (Mercedes OM 926)	500.0			2800		
MT 600 M (Mercedes OM 447)	600.0			2300		
MT 700 M (Mercedes OM 447)	700.0			2400		
MT 760 E (Mercedes OM 457)	760.0			2400		

MTD 130M (Mercedes OM 366)	130.0			2600		
MTD 185M (Mercedes OM 366)	165.0	185.0		2600	2800	
MTD 220M (Mercedes OM 447)	220.0			2200		
MTD 250M (Mercedes OM 366)	210.0	250.0		2400	2800	
MTD 290M (Mercedes OM 366)	250.0	290.0	310.0	2600	2700	2600
MTD 360M (Mercedes OM 366)	340.0	360.0		1800	2000	
MTD 380E (Mercedes OM 926)	330.0	380.0	430.0	2400	2400	2600
MTD 400E (Mwm 6.12 TCW)	320.0	360.0	400.0	2400	2600	2600
MTD 430M (Mercedes OM 447)	410.0	430.0	530.0	1800	2000	2100
MTD 500E (Mercedes OM 457)	460.0	500.0	600.0	1800	2000	2100

MERCEDES	HP					RPM					
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OM 314	62.0		68.0		85.0		2600		2600		2800	
OM 326	150	172	180	192	200	2000	2200	2200	2200	2200	2200	2200
OM 352	95.0		105.0		130.0		2600		2600		2800	
OM 352 A	170.0					2800						
OM 353.961	131.0					2800						
OM 355 A	280.0			310.0			2200			2200		
OM 360 A	211.0					2500						

OM 364	34	52	61	68	77		1000	1500	1800	2000	2400	2600
	37	57	68	75	86	90						
OM 364 A	44	73	87	94	105		1000	1500	1800	2000	2400	2600
	48	82	97	103	116	118						
OM 364 LA	50	80	95	105	121		1000	1500	1800	2000	2400	2600
	56	88	105	116	133	139						
OM 366	48	77	94	102	117		1000	1500	1800	2000	2400	2600
	53	86	103	113	129	135						
OM 366 A	65	110	129	140	155		1000	1500	1800	2000	2400	2600
	72	121	143	155	170	175						
OM 366 LA	50	143	170	185	211		1000	1500	1800	2000	2400	2600
	54	158	188	204	232	240						

OM 402 A	320.0					2500						
OM 404 A	413.0		483.0		560.0		1500		1800		2300	
OM 407 A	240.0		280.0		310.0		2200		2200		2200	
OM 421 A	250.0		280.0		2300							
OM 422 A	330.0		330.0		2100							
OM 422 LA	375.0		375.0		2300							
OM 423 LA	470.0		500.0		2100							
OM 424 A	490.0	540.0	550.0	560.0	1800	1800	2300	2300				
OM 424 LA	601.0	612.0	653.0		2100	2300	2300					
OM 426 A	280.0	310.0			2200	2200						

OM 441.908 - 911	218.0					2100						
OM 441.950 - 953	260.0					2100						
OM 442.910 - 919	290.0					2100						
OM 442.954 - 961	354.0					2100						

OM 441	109	131	165	192	197		1000	1200	1500	1800	1900	2100
	120	144	181	211	218	224						
OM 441 A	155	185	232	243	246		1000	1200	1500	1800	1900	2100
	170	204	256	268	271	272						
OM 441 LA	177	212	265	305	306		1000	1200	1500	1800	1900	2100
	194	234	291	336	337	340						
OM 442	143	173	216	251	258		1000	1200	1500	1800	1900	2100
	158	190	238	276	284	296						
OM 442 A	209	252	314	329	330		1000	1200	1500	1800	1900	2100
	230	276	345	362	363	366						
OM 442 LA	230	277	347	401	404		1000	1200	1500	1800	1900	2100
	253	305	381	441	445	447						
OM 443 LA	290	347	434	500	504		1000	1200	1500	1800	1900	2100
	318	382	477	551	555	560						
OM 444 A	310	374	466	495	496		1000	1200	1500	1800	1900	2100
	341	411	513	544	547	552						
OM 444 LA	349	419	523	605	609		1000	1200	1500	1800	1900	2100
	385	461	576	665	670	677						
OM 447	113	151	173	201	216		1000	1300	1500	1800	2000	2200
	124	166	190	222	238	250						
OM 447 A	167	200	250	271	272		1000	1200	1500	1800	1900	2100
	184	220	276	298	299	302						
OM 447 LA	201	241	300	336	337		1000	1200	1500	1800	1900	2100
	220	265	330	370	371	375						

OM 457 LA	349	416					2000	1900				
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OM 501 LA	308	349	349	389	402		1800	1800	2000	1800	2000
					422						1800
OM 502 LA	402	469	469	523	536		2000	1800	2000	1800	2000
					563						1800

OM 601	27	34	48	60	64		1500	1800	2400	3000	3300	3600
	30	38	53	65	71	76						
OM 602	34	44	60	75	80		1500	1800	2400	3000	3300	3600
	38	48	65	82	88	94						
OM 601D23LA	98.0			98.0			3800			4200		
OM 602 A	122.0						4600					
OM 603 A	150.0						4600					
OM 604.910/912	75.0			95.0			5000			5000		
OM 604.915/917	88.0						5000					
OM 605.910/911/912	113.0						5000					
OM 605.960/962	150.0						4400					

OM 606.910/912		136.0		5000
OM 606.961.962.964		177.0		4400
OM 606D30LA	177.0		4400	
OM 606D35LA	150.0		4400	

OM 611 LA	109.0	129.0	3800	3800
OM 612	154.0	161.0	168.0	3800 4200 4200
OM 615.910	45.0	50.0	3000	3000
OM 615.940/941	55.0	60.0	4200	4200
OM 616.912/916		65.0		4200
OM 616 (Sole)	61.0	72.0	3600	4400
OM 617.910/912		88.0		
OM 617.951/952		121.0		4350
OM 617 A	125.0		4250	
OM 621.1	50.0		4000	

OM 636	36.0	42.0	3000	3300
OM 636.917	32.0	35.0	3000	3000
OM 636 VI-E	36.0	40.0	3000	3000
OM 642 EU 4		225.0		3800
OM 642 LS EU 5		265.0		3800
OM 648	177.0	240.0	4200	4200
OM 668DE17A	60.0		4000	
OM 668DE17LA	90.0	95.0	4000	4200

OM 904 LA	101	121	134	150	168	2300	2300	2300	2300	2300
OM 906 LA	228	275				2300	2300			
OM 924 LA-E2/E3	218.0					2300				
OM 926 LA-E2	326.0					2300				

E 250 CDI (In)	150.0	4200
E 350 CDI (In)	195.0	3800

4R 058 AZ (OM 601)	64.0	82.0	3300	4000
5R 058 AZ (OM 602)	80.0	98.0	3300	4000
6R 058 TA (OM 603 A)	112.0	139.0	3300	4000

MERCUISER- MERCURY		psHP	RPM
D 2.8 D-Tronic	* shp	150.0	3600-3800
D 2.8 L D-Tronic	* shp	165.0	3600-3800
D 3.6 L	* shp	180.0	3600-3800
D 4.2 L	* shp	210.0	3400-3600
D 4.2 D-Tronic	* shp	225.0	3600-3800
D 4.2 L D-Tronic	* shp	240.0	3600-3800
D 7.3 L D-Tronic	* shp	270.0	3600-3800

D 183 T		150.0	3800
D 219 T		180.0	3800
D 254 T		215.0	3600

MCM 3.0 L	(GM 181 – 3.0 L)	135.0		4400-4800
MCM 4.3 L	(GM 262 – 4.3 L)	155.0	190.0	4400-4800
MCM 4.3 LH	(GM 262-4.3 L)	205.0		4400-4800
MCM 4.3 LEFI	(GM 262-4.3L)	210.0		4400-4800
MCM 4.3 LX	(GM 262-4.3 L)	175.0		4400-4800
MX 6.2 MPI	(GM 377 – 6.2 L)	320.0		4800-5200
MX 6.2 Black Scorpion		340.0		4800-5200
Black Scorpion		330.0		4800-5200

3.0 L	* shp	135.0		4400-4800
4.3 MPI	* shp	220.0		4400-4800
4.3 L		190.0		4400-4800
5.0 MPI	* shp	260.0		4600-5000
5.0 L		220.0		4400-4800
5.7 L	* shp	260.0		4000-4400 (4200-4600)
5.7 TKS		300.0		4600-5000
6.2 L 300 ECT		300.0		5000-5400
6.2 L 350 ECT		350.0		5000-5400
7.4 L		340.0		4000-4400
8.1 S High Output		420.0		4400-4800
8.1 S Horizon		370.0		4200-4600
8.2 L		420.0		4400-4800
8.2 L MPI	* shp	400.0		4400-4800
8.2 HO DTS ECT		425.0		4400-4800
8.2 Horizon DTS ECT		375.0		4200-4600

350 Magnum CID	* shp	240.0	4400-4800
350 Magnum MPI	* shp	300.0	4400-4800
350 Mag MPI		300.0	4800-5200
454 Magnum CID	* shp	350.0	4400-4800
454 Magnum MPI	* shp	380.0	4400-4800
496 Mag		375.0	4400-4800
496 Mag High Output		425.0	4600-5000
502 Magnum CID	* shp	390.0	4400-4800

Model 340		340.0	3800-4200
Black Scorpion	* shp	315.0	4800-5200

500	* shp	470.0	4800-5200
500 Bulldog	* shp	470.0	4800-5200
525 SC	* shp	490.0	4800-5200
600 SC Bobtail	* shp	550.0	4800-5200
800 SC	* shp	700.0	4600-5200
900 SC	* shp	850.0	5600-6000
SDI 1.9-40	(Volkswagen)	40.0	2500
SDI 1.9-50	(Volkswagen)	50.0	3000
SDI 1.9-60	(Volkswagen)	60.0	3600
TDI 1.9-75	(Volkswagen)	75.0	3600
TDI 3.0-225	(Volkswagen)	225.0	4200
TDI 3.0-230	(Volkswagen)	230.0	3500
TDI 3.0-230/2	(Volkswagen)	230.0	4000
TDI 3.0-265	(Volkswagen)	265.0	4200
TDI 4.2-350	(Volkswagen)	350.0	4200

QSD 2.0-115	115.0	4000
QSD 2.0-130	130.0	4000
QSD 2.0-150	150.0	4000
QSD 2.0-170	170.0	4000
QSD 2.8-220	220.0	3800
QSD 4.2-270	270.0	3800
QSD 4.2-320	320.0	3800
QSD 4.2-350	350.0	3800

<i>Kuyruk</i>						
Alpha Drive	1.47	1.62	1.81	2.00	2.40	:1
Bravo One	1.36	1.50	1.65			:1
Bravo Two			1.81	2.00	2.20	:1
Bravo Three	1.65	1.81	2.00	2.20	2.43	:1
Blackhawk	1.36	1.50	1.65	1.81		:1

mitsubishi	HP				RPM			
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S 6 A3 – Y1 MPTA	483.0	529.0	583.0	1840	1900	1960		
S 6 A3 – Y1 MPTK	543.0	597.0	657.0	1840	1900	1960		
S 6 A3 – Y2 MPTK	483.0	529.0	583.0	1840	1900	1960		
S 6 A3 – MPTK	543.0	597.0	657.0	1840	1900	1960		
			549.5	610.0			1800	1800
		509.2	563.0			1500	1500	
	388.6	429.0			1200	1200		
S 6 A3 – MPTAW	296.0	483.0	516.0	1530	1840	1800		

S 6 B3 – Y2 MPTK	429.0		469.0	2000		2065		
S 6 B3 – MPTK	462.0	509.0	557.0	1940	2000	2065		
S 6 B3 – MPTA	429.0		469.0	1940		2000		
S 6 B3 – T2MPTAW	430.0		470.0	1940		2000		
S 6 B3 – T2MPTK2	507.0		601.0	2001		2001		

S 6 R - Y1 MPTA	590.0	650.0	764.0	1600	1650	1800		
S 6 R - Y2 MPTK	630.0	697.0	811.0	1600	1650	1800		
S 6 R – MPTA	590.0	650.0	764.0	1600	1650	1800		
			683.4	763.8			1800	1800
		596.3	656.6			1500	1500	
	442.2	489.0			1200	1200		
S 6 R – MPTK	630.0	697.0	811.0	1600	1650	1800		
S 6 R – MPTAW	600.0	697.0		1600	1650			
S 6 R – (Z3) MPTAW	630.0	697.0	811.0	1600	1650	1800		
S 6 R – T2 MPTK	630.0	697.0	811.0	1600	1650	1800		

S 6 R 2 – Y1 MPTA	597.0	657.0	757.0	1350	1400	1500		
S 6 R 2 – Y1 MPTK	643.0	710.0	818.0	1350	1400	1500		
S 6 R 2 – MPTA	597.0	657.0	757.0	1350	1400	1500		
S 6 R 2 – MPTK	644.0	711.0	818.0	1350	1400	1500		
S 6 R 2 – T2 MPTK	530	644	711	818	1350	1350	1400	1500
S 6 R 2 – T2 MPTK3			927	1018			1406	1406

S 12 A 2 –Y1 MPTA	850.0	940.0	1040.0	1940	2000	2100		
S 12 A 2 –Y1 MPTK	940.0	1040.0	1150.0	1940	2000	2100		
S 12 A 2 – MPTA	850.0	940.0	1040	1940	2000	2100		
S 12 A 2 – MPTK	940.0	1040	1150	1940	2000	2100		
S 12 A 2 –(Z3)MPTAW	940.0	1040		1940	2000			
S 12 A 2 –C2 MPTK	850.0			1940				

S 12 R –Y1 MPTA	1180.0	1300.0	1528.0	1600	1650	1800				
S 12 R –Y1 MPTK	1260.0	1394.0	1622.0	1600	1650	1800				
S 12 R – MPTA	1180	1300	1528	1600	1650	1800				
S 12 R – MPTK	1260	1394	1622	1600	1650	1800				
S 12 R – (Z3) MPTAW	789	1004	1004	1261	1395	1400	1500	1600	1600	1650
S 12 R – T2 MPTK			1261	1395	1623			1600	1650	1800

S 16 R – C2MPTK	1676				1600			
S 16 R – (Z3) MPTAW	1676	1851			1600	1650		
S 16 R –Y1 MPTA	1568.0	1729.0	2038.0	1600	1650	1800		
S 16 R –Y1 MPTK	1676.0	1850.0	2158.0	1600	1650	1800		
S 16 R – MPTA		2037.0		1800				
		1728.0		1650				
		1567.0		1600				
S 16 R – MPTAW		1851.0		1650				
S 16 R – MPTK		2158.0		1800				
		1850.0		1650				
		1676.0		1600				
S 16 R2 – T2MPTAW	1944	2146	2528	1350	1400	1500		
S 16 R2 –T2 MPTK	1944	2146	2528	1350	1400	1500		

S 3 L 2	28.8	3000
S 4 L 2	39.2	3000
S 4 L 2 T	50.0	3000

S 4 Q 2	47.1	2500
S 4 S	64.0	2500
S 4 S – DT	74.8	2500
S 6 S	78.1	2500
S 6 K	163.2	2000

L 2 E	15.4	3600
L 3 E	23.1	3600

3 C J	49.0	2500		
4 C J	59.8	2500		
4 D Q 50	62.0	3800		
4 E 6	100.6	2000		
6 DB 1	108.0	130.0	1800	2000
6 F R C	187.7	2100		

K E 31	61.0	3600
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4 D R1	75.0	3800
4 D R5/6	80.0	3800

4 D 31-0A	100.0	3500				
4 D 33	113.0	3200				
4 D 34-2AT4	136.0	2900				
4 D 34-2AT5	110.0	2900				
4 D 34-TL	85.7	107.4	110.0	1500	1900	2000
	112.8	2200				
4 D 37	136.0	170.0	2500	2500		
4 D 37-TL	95.2	2000				
4 D 55	65.0	4200				
4 D 55-TC05	80.0	4000				
4 D 55-TD04	95.0	4200				

4 M 40	80.0	125.0	140.0	4000	4000	4000
4 M 41	125.0	165.0	200.0	3800	4000	3800
4 M 42-AOT	125.0	3200				
4 M 50-4AT4	149.5	2700				
4 M 50-5AT5	179.5	2700				

4 P 10 T2	130.0	3500
4 P 10 T4	150.0	3500
4 P 10 T5	161.0	3400
4 P 10 T6	175.0	3500

6 D B1	165.0	2300
6 D R5	105.0	3500

6 D 10	145.0	3200
6 D 11	155.0	2800

6 D 16-1A	190.0	2900				
6 D 16	96.5	114.2	126.4	1500	1800	2000
	137.3	149.6	152.3	2200	2500	2600
	153.6			2800		
	87.0	103.3	114.2	1500	1800	2000
	123.7	134.6	137.3	2200	2500	2600
	140.0			2800		
6 D 16 T	141.4	168.6	182.2	1500	1800	2000
	198.5	197.1	198.5	2200	2500	2600
	200.0			2800		
	129.2	153.6	164.5	1500	1800	2000
	174.0	179.5	179.5	2200	2500	2600
	182.2			2800		
6 D 16 T		170.0	190.0		2700	2700
6 D 16-T2	220.0			2800		
6 D 16 TL	146.8	165.9	179.5	1500	1800	2000
	191.7	213.5	218.9	2200	2500	2600
	224.3			2800		
	133.2	150.9	163.2	1500	1800	2000
	174.0	194.4	204.0	2200	2500	2700

6 D 20	215.0	2500		
6 D 24	240.0	2200		
6 D 24 T		284.0		2200
6 D 24 TC		306.0		2200
6 D 24-T1	300.0	320.0	2200	2200
6 D 24-T2	350.0		2200	
6 D 40-T1	350.0	360.0	2200	2200
6 D 40-T2	390.0		2200	

6 M 60-1AT1	241.0	2600		
6 M 60-1AT2	271.0	2600		
6 M 60-T3	420.0	2500		
6 M 60-T4	220.3	2070		
6 M 60-T5	240.7	2270		
6 M 60-T6	270.6	2500		
6 M 70-T1	320.0	2200		
6 M 70-T2	350.0	2200		
6 M 70-T3	380.0	2000		
6 M 70-T4	420.0	2000		
6 M 70-T5	410.0	460.0	2200	2000
6 M 70-T7	520.0	2000		
6 M 70-T8	380.0	2000		

6 R 10-T2	350.0	1800
6 R 10-T3	380.0	1800
6 R 10-T4	420.0	1800
6 R 10-T6	460.0	1800
6 R 10-T7	520.0	1800
6 R 10-T8	460.0	1800

6 R 20-T2	390.0	1600
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6 S 20-T1	230.0	2200		
6 S 20-T2	235.0	275.0	2200	2200

8 D C 9	300.0	320.0	2200	2200
8 D C T2	440.0	2200		
8 DC 11-1	330.0	2100		
8 DC 11-2	355.0	2200		
8 DC 11-3	365.0	2200		

8 M 20-1	400.0	2200
8 M 20-2	375.0	2200
8 M 20-3	385.0	2200
8 M 21-1	370.0	2200
8 M 21-2	400.0	2200
8 M 21-3	420.0	2200
8 M 21-4	430.0	2200
8 M 22-T1	550.0	2000
8 M 22-T2	480.0	2000

10 DC 6	375.0	2500
10 M 20	480.0	2200
10 M 21	520.0	2200
12 DC 2	400.0	2500

MTU	Ps HP		RPM	
4 R 099 AZ 51	47.5	54.4	1500	1800
6 R 099 AZ 51	69.4	83.0	1500	1800
4 R 099 AZ 61		71		2400
6 R 099 AZ 61	109			2400
4 R 099 AZ 91		86		2800
6 R 099 AZ 91	132		2800	
6 R 099 TA 51	106.0	126.5	1500	1800
6 R 099 TE 51	118.4	143	1500	1800
6 R 099 TA 61	147		2400	
6 R 099 TA 91	167		2600	
6 R 099 TE 61	193		2400	
6 R 099 TE 91	240		2600	

S 60	350	375	400	425	1800	1800	1800	1800
	451	475	500		1800	1800	1800	1800
		475	475	599		2100	2100	2100
	625	669	740	801	2300	2300	2300	2300
				825				2300

6 V 183 AA 51	167	194	1500	1800
8 V 183 AA 51	228	266	1500	1800
10 V 183 AA 51	276	319	1500	1800
12 V 183 AA 51	326	382	1500	1800
8 V 183 AA 61	233		2100	
10 V 183 AA 61	291		2100	
12 V 183 AA 61	344		2100	
12 V 183 TA 51	431	515	1500	1800
12 V 183 TA 61	464		2100	
12 V 183 TE 51	470	561	1500	1800

8 V 183 TE 52	364	550	1500	1800
12 V 183 TE 52	546	822	1500	1800
12 V 183 TE 61	534		2100	
6 R 183 TE 62	374		1850	
8 V 183 TE 62	500		2000	
12 V 183 TE 62	750		2000	
6 R 183 TE 72	415		1900	
8 V 183 TE 72	551		2100	
12 V 183 TE 72	830		2100	
8 V 183 AA 91	272		2300	
10 V 183 AA 91	345		2300	
12 V 183 AA 91	409		2300	
12 V 183 TA 91	517		2300	
12 V 183 TC 91	615		2300	
12 V 183 TE 91	600		2300	
6 R 183 TE 92	503		2100	
8 V 183 TE 92	665		2300	
12 V 183 TE 92	1000		2300	
6 R 183 TE 93	600		2300	
8 V 183 TE 93	767		2400	
12 V 183 TE 93	1150	1300	2400	2400
6 V 331 TC 12	715		2200	
8 V 331 TC 12	950		2200	
12 V 331 TC 12	1430		2200	
6 V 331 TC 42	610		2300	
8 V 331 TC 42	815		2300	
12 V 331 TC 42	1220		2300	
8 V 331 TC 60	570		2100	
6 V 331 TC 82	650	715	2180	2250
8 V 331 TC 82	870	950	2180	2250
12 V 331 TC 82	1300	1430	2180	2250

6 V 331 TC 92	665	735	800	2200	2270	2340
8 V 331 TC 92	885	980	1065	2200	2270	2340
12 V 331 TC 92	1330	1470	1600	2200	2270	2340
8 V 396 TC 44	1065			1900		
12 V 396 TC 44	1600			1900		
16 V 396 TC 44	2135			1900		
8 V 396 TE 44	1250			1900		
12 V 396 TB/TE 44	1875			1900		
12 V 396 TB 44 L	2040			2000		
16 V 396 TB/TE 44	2500			1900		
16 V 396 TB 44 L	2720			2000		
8 V 396 TE/TC 54	925	1075	1075	1260	1500	1800
12 V 396 TE/TC 54	1400	1610	1630	1890	1500	1800
16 V 396 TE/TC 54	1850	2150	2150	2515	1500	1800
6 V 396 TC 62	600			1650		
8 V 396 TC 62	800			1650		
12 V 396 TC 62	1200			1650		
6 V 396 TB 63	665			1650		
8 V 396 TB 63	890			1650		
12 V 396 TB 63	1330			1650		
16 V 396 TB 63	1780			1650		
8 V 396 TC 64	870			1600		
12 V 396 TC 64	1306			1600		
8 V 396 TE 64	925			1650 (1600)		
12 V 396 TE 64	1390			1650 (1600)		
16 V 396 TE 64	1850			1650 (1600)		
8 V 396 TE 74	1140			2000 (1900)		
8 V 396 TE 74 L	1360			1900		
12 V 396 TE 74	1714			2000 (1900)		
12 V 396 TE 74 L	2012			2000 (1900)		
16 V 396 TE 74	2280			2000 (1900)		
16 V 396 TE 74 L	2682	2720		1900	2000	

6 V 396 TC 82	650			1745		
8 V 396 TC 82	870			1745		
12 V 396 TC 82	1305			1745		
6 V 396 TB 83	780	855		1940	2000	
8 V 396 TB 83	1050	1140		1940	2000	
12 V 396 TB 83	1560	1710		1940	2000	
16 V 396 TB 83	2100	2285		1940	2000	
6 V 396 TC 83	780			1940		
8 V 396 TC 83	1050			1940		
12 V 396 TC 83	1560			1940		
16 V 396 TB 84	2775	3045		1940	2000	
8 V 396 TE 84	1240	1360		1940	2000	(1900)
12 V 396 TE 84	1850	2040		1940	2000	(1900)
16 V 396 TE 84	2480	2720		1940	2000	(1900)
6 V 396 TB 93	815	900	980	1975	2040	2100
8 V 396 TB 93	1090	1200	1305	1975	2040	2100
12 V 396 TB 93	1630	1800	1960	1975	2040	2100
16 V 396 TB 93	2180	2400	2610	1975	2040	2100
12 V 396 TB 94	2180	2400	2610	1975	2040	2100
16 V 396 TB 94	2900	3190	3480	1975	2040	2100
8 V 396 TE 94	1270	1400	1525	1975	2040	2000
12 V 396 TE 94	1905	2100	2285	1975	2040	2000
16 V 396 TE 94	2540	2800	3050	1975	2040	2000
				(2100)		
6 V 538 TC 82	2215			1710		
8 V 538 TC 82	2970			1710		
12 V 538 TC 82	3715			1710		
16 V 538 TB 83	3270	3565		1710	1760	
20 V 538 TB 83	4085	4455		1710	1760	
16 V 538 TB 90	3700			1900		

12 V 538 TB 91	2300	2530	2750	1790	1850	1900
16 V 538 TB 91	3070	3390	3660	1790	1850	1900
20 V 538 TB 91	3840	4230	4580	1790	1850	1900
12 V 538 TB 92	2555	2830	3060	1790	1850	1900
16 V 538 TB 92	3410	3770	4080	1790	1850	1900
20 V 538 TB 92	4265	4705	5100	1790	1850	1900
16 V 538 TB 93	3755	4140	4490	1790	1850	1900
20 V 538 TB 93	4685	5170	5600	1790	1850	1900
12 V 595 TE/TF 40	3265			1650		
12 V 595 TE 50	2690	3017	3260 3830	1500		1800
16 V 595 TE 50	3588	4022	4350 5110	1500		1800
12 V 595 TE 60	2690		3101	1500		1600
16 V 595 TE 60	3590		4134	1500		1600
12 V 595 TE 70	3345		3672	1650	1700	
12 V 595 TE 70 L			4005		1750	
16 V 595 TE 70	4460		4896	1650	1700 (1750)	
16 V 595 TE 70 L			5338		1750	
12 V 595 TE 80	3330	3670	4005	1650	1700	1750
16 V 595 TE 80	4435	4900	5338	1650	1700	1750
12 V 595 TE 90	3670	4040	4400	1690	1750	1800
16 V 595 TE 90	4900	5385	5870	1690	1750	1800
16 V 652 TB 61	2055			1400		
16 V 652 TB 81	2300			1400		
16 V 652 TB 91	2305	2530	2750	1400	1445	1485
4 R 700 M 91	*	168		3800		
4 R 700 M 93	*	206		3800		
4 R 700 M 94	*	227		3800		
6 R 700 M 92	*	266		3800		
6 R 700 M 93	*	315		3800		
6 R 700 M 94	*	345		3800		

12 V 956 TB 82	3130	3430	1455	1500		
16 V 956 TB 82	4170	4570	1455	1500		
20 V 956 TB 82	5210	5710	1455	1500		
12 V 956 TB 92	3320	3655	4000	1410	1455	1500
16 V 956 TB 92	4425	4865	5330	1410	1455	1500
20 V 956 TB 92	5535	6080	6660	1410	1455	1500
12 V 1163 TB 62	3000			1100		
16 V 1163 TB 62	4000			1100		
20 V 1163 TB 62	5000			1100		
12 V 1163 TB 73	3755		4400	1100		1200
12 V 1163 TB 73 L			4896			1200
16 V 1163 TB 73	5000	5875	6528	1100		1200
16 V 1163 TB 73 L			7072	1250	(1230)	
20 V 1163 TB 73	6255	7340	8160	1100		1200
20 V 1163 TB 73 L			8840	1250	(1230)	

12 V 1163 M 74	4828			1250
16 V 1163 M 74	6437			1250
20 V 1163 M 74	8046			1250
12 V 1163 TB 82	3300	3650	1160	1200
16 V 1163 TB 82	4400	4865	1160	1200
20 V 1163 TB 82	5500	6090	1160	1200
12 V 1163 TB 83	4420	4900	1160	1200
16 V 1163 TB 83	5890	6530	1160	1200
20 V 1163 TB 83	7365	8160	1160	1200

12 V 1163 M 84	*	5230		1280
16 V 1163 M 84	*	6973		1280
20 V 1163 M 84	*	8717		1280

12 V 1163 TB 92	3510	3860	4240	1220	1260	1300
16 V 1163 TB 92	4680	5155	5660	1220	1260	1300
20 V 1163 TB 92	5850	6440	7080	1220	1260	1300
12 V 1163 TB 93	4990	5490	6040	1220	1260	1300
16 V 1163 TB 93	6655	7330	8050	1220	1260	1300
20 V 1163 TB 93	8325	9160	10060	1220	1260	1300

12 V 1163 M 94		5954	1325
16 V 1163 M 94		7939	1325
20 V 1163 M 94		9923	1325

8 V 2000 M 60 /61	*	535	1800
12 V 2000 M 60 /61	*	805	1800
16 V 2000 M 60 /61	*	1070	1800
8 V 2000 M 70	*	705	2100
12 V 2000 M 70	*	1055	2100
16 V 2000 M 70	*	1410	2100
8 V 2000 M 72	*	965	2250
10 V 2000 M 72	*	1205	2250
12 V 2000 M 72	*	1450	2250
16 V 2000 M 72	*	1930	2250

8 V 2000 M 84	*	1085	2450
10 V 2000 M 84	*	1361	2450
12 V 2000 M 84	*	1636	2450
16 V 2000 M 84	*	2186	2450

8 V 2000 M 84 L	*	1200	2450
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12 V 2000 M 86	*	1700	2450
16 V 2000 M 86	*	2186	2450

8 V 2000 M 90	*	900	2300
12 V 2000 M 90		1370	2300
16 V 2000 M 90		1826	2300
16 V 2000 TE 90		1800	2300
12 V 2000 M 91	*	1500	2350
16 V 2000 M 91	*	2000	2350

8 V 2000 M 92	*	1085	2450
10 V 2000 M 92	*	1360	2450
12 V 2000 M 92	*	1635	2450
16 V 2000 M 92	*	2185	2450
8 V 2000 M 93	*	1200	2450
10 V 2000 M 93	*	1500	2450
12 V 2000 M 93	*	1800	2450
16 V 2000 M 93	*	2400	2450

8 V 2000 M 94	*	1250	2450
10 V 2000 M 94	*	1600	2450
12 V 2000 M 94	*	1920	2450
16 V 2000 M 94	*	2600	2450

12 V 2000 M 96	*	1800	2450
16 V 2000 M 96	*	2400	2450

12 V 2000 M 96 L	*	1920	2450
16 V 2000 M 96 L	*	2600	2450

8 V 4000 C 20		1350	1900
12 V 4000 C 20		2025	1900
8 V 4000 M 53		1234	1800
8 V 4000 M 53 R		1000	1600
8 V 4000 M 60	*	1200	1800
8 V 4000 M 60 R	*	940	1600
8 V 4000 M 63		1341	1800

12 V 4000 M 53 R		1529	1600
12 V 4000 M 53		1851	1800
12 V 4000 M 54		1600	1800
12 V 4000 M 60	*	1770	1800
12 V 4000 M 60 R	*	1410	1600
12 V 4000 M 63		2042	1800
12 V 4000 M 64		1875	1800

16 V 4000 M 53 R	2001	2038	1600	1600
16 V 4000 M 53	2467		1800	
16 V 4000 M 54	2260		1800	

16 V 4000 M 60	*	2360	1800
16 V 4000 M 60 R	*	1875	1600
16 V 4000 M 63		2682	1800
16 V 4000 M 63 L		3004	1800
16 V 4000 M 63 R		2575	1600
16 V 4000 M 64		2681	1800
12 V 4000 M 61 R	*	1530	1600
12 V 4000 M 61	*	2680	1800

16 V 4000 M 61 R	*	2040	1600
8 V 4000 M 70	*	1555	2000
12 V 4000 M 70	*	2253	2333 2000 2000
16 V 4000 M 70	*	3004	3111 2000 2000
12 V 4000 M 71	*	2480	2000
16 V 4000 M 71	*	3308	2000
12 V 4000 M 73	*	2575	1970
12 V 4000 M 73 L	*	2897	2050
16 V 4000 M 73	*	3433	1970
16 V 4000 M 73 L	*	3862	2050
20 V 4000 M 73	*	4291	1970
20 V 4000 M 73 L	*	4828	2050
12 V 4000 M 90	*	2736	2100
16 V 4000 M 90		3648	2100
12 V 4000 M 93	*	3140	2100
12 V 4000 M 93 L	*	3460	2100
16 V 4000 M 93	*	4185	2100
16 V 4000 M 93 L	*	4613	2100
20 V 4000 M 93	*	5230	2100
20 V 4000 M 93 L	*	5766	2100
20 V 8000 M 70 / 71	*	10995	1150
20 V 8000 M 71 L	*	12205	1150
20 V 8000 M 71 R	*	9655	1150

20 V 8000 M 90	*	12070	1150
20 V 8000 M 91	*	12205	1150
Series 60	* bhp		
		350	1800
		375	1800
		400	1800
		425	1800
		450	1800
		475	1800
		535	2100
		600	2100
		625	2300
		740	2300
		812	2300
		825	2300

*** bhp**

1 PS hp = 0.9862 bhp

MWM	psHP			RPM		
4.07	85.0			3800		
4.07 T	110.0			3800		
4.07 TCA	130.0			3800		
6.07	126.0			3800		
6.07 T	165.0			3800		
6.07 TCA	195.0			3800		
D 226 B3	63	69	75	2800	2910	3000
D 226 B4	84	91	100	2800	2910	3000
D 226 B6	126	137	150	2800	2910	3000
TD 226 B3	88			2500		
TD 226 B4	118	122		2400	2500	
TD 226 B6	177	193	211	2500	2300	2400
TBD 226 B6	212	273	299	2500	2300	2400
D 234 V 6	141	167	186	1500	1800	2100
	196	216	226	2200	2265	2300
TBD 234 V 6	260	309	340	1500	1800	2100
	426	468	490	2200	2265	2300
D 234 V 8	190	223	249	1500	1800	2100
	261	287	301	2200	2265	2300
TBD 234 V 8	347	412	453	1500	1800	2100
	568	626	653	2200	2265	2300
D 234 V 12	283	335	373	1500	1800	2100
	393	432	452	2200	2265	2300
TBD 234 V 12	521	619	680	1500	1800	2100
	851	936	979	2200	2265	2300
TBD 604 B L6	720	797	866	1500	1650	1800
	824	907	988	1690	1745	1800
TBD 616 V 8	435	554	653	1500	1650	1800
	750	825	900	2165	2235	2300
TBD 616 V 12	653	830	979	1500	1650	1800
	1169	1286	1400	2165	2235	2300

TBD 620 V 8	1244	1306	1382	1500	1650	1800
	1269	1396	1523	1750	1805	1860
TBD 620 V 12	1863	1958	2073	1500	1650	1800
	1903	2094	2285	1750	1805	1860

Wizeman WD 234 V 12 TI	918	1100		2165	2300	
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NANNI	HP	RPM
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N 2.10	(kubota)	10.0	3000
N 2.14	(kubota)	14.0	3600
N 3.21	(kubota)	21.0	3600
N 3.30	(kubota)	29.0	3600
N 4.38	(kubota)	37.5	3000
N 4.40	(kubota)	40.0	2800
N 4.50	(kubota)	50.0	2800
N 4.60	(kubota)	60.0	2800
N 4.65	(kubota)	60.0	2700
N 4.80	(kubota)	79.0	2700
N 4.85	(kubota)	85.0	2800
N 4.100	(kubota)	100.0	2800
N 4.115	(kubota)	115.0	2600
N 4.140		135.0	2600
N 5.150		152.0	2600
N 5.140 E		137.0	2600
N 5.160 CR2		160.0	2300
N 5.180 CR2		182.0	2400
N 5.200 CR2		202.0	2500
N 5.230 CR2		228.0	2600
N 6.160		156.0	2300
N 6.180		177.0	2400
N 6.200		202.0	2500
N 6.230		228.0	2600
N 6.285 CR2		284.0	2500
N 6.325 CR2		325.0	2600
N 6.360 CR2		360.0	2700
N 6.405 CR2		405.0	2800
N 9.290 CR1		289.0	2100
N 9.330 CR2		329.0	2100
N 9.380 CR2		380.0	2200
N 9.430 CR2		431.0	2300
N 9.510 CR2		507.0	2400
N 9.600 CR2		560.0	2500

N 13.370 CR1		370.0	1800
N 13.430 CR2		431.0	1800
N 13.510 CR2		507.0	1900
N 13.580 CR2		583.0	2000
N 13.660 CR2		659.0	2100
N 13.700 CR3		700.0	2300
N 13.700 HD		700.0	2100
N 13.750 CR3		751.0	2300

N 13.800 CR2	760.0	2200
N 13.800 CR3	800.0	2300
N 13.930 CR3	925.0	2300
N 16.900 CR3	900.0	2300
N 16.1000 CR3	1000.0	2300
N 16.1100 CR3	1100.0	2300
N 16.1150 CR3	1150.0	2300
N 16.1200 CR3	1200.0	2300

T 4.205	200.0	3600
T 4.230	230.0	3600
T 4.270	265.0	3600
6.420 TDI	320.0	3600
T8V.320	320.0	3800
T8V.350	349.0	3800
T8V.370	370.0	3800

D 2676 LE 461	200.0	1800
D 2676 LE 451	286.0	1800
D 2676 LE 441	367.0	1800
D 2676 LE 431/434	440.0	1800
D 2868 LE 421/424	520.0	1800
D 2868LE 431	680.0	1800
D 2862 LE 434	749.0	1800
D 2862 LE 421	900.0	1800
D 2862 LE 441	1000.0	1800

(Man)

D 2676 LE 432/435	560.0	2100
D 2676 LE 422/425	650.0	2100
D 2676 LE 443	730.0	2300
D 2868 LE 422/425	800.0	2100
D 2676 LE 423	800.0	2300
D 2868 LE 443	900.0	2100
D 2868 LE 426	1000.0	2300
D 2862 LE 422/425	1019.0	2100
D 2862 LE 432/435	1200.0	2100
D 2868 LE 436	1200.0	2300
D 2862 LE 463/466	1400.0	2100
D 2862 LE 446	1400.0	2300
D 2862 LE 426	1550.0	2300
D 2862 LE 456	1605.0	2300
D 2862 LE 436	1800.0	2300

I6-730	730.0	2300
I6-800	800.0	2300
V8-1000	1000.0	2300
V8-1200	1200.0	2300
V8-1300	1300.0	2300
V12-1400	1400.0	2300
V12-1550	1550.0	2300
V12-1650	1650.0	2300
V12-1800	1800.0	2300
V12-1900	1900.0	2300
V12-2000	2000.0	2300

2.40	(kubota)	10.6	3600
2.45	(kubota)	10.0	3600
2.50	(kubota)	14.0	3600
2.60	(kubota)	15.0	3600
3.75	(kubota)	21.0	3600
3.90	(kubota)	22.5	3600
3.100	(kubota)	29.0	3600
3.110	(kubota)	27.0	3000
4.110	(kubota)	30.0	3600
4.150	(kubota)	37.5	3000
4.165 T		165.0	3400
4.180		180.0	3400
4.190	(kubota)	43.0	2800
4.195	(kubota)	40.0	2800
4.200	(kubota)	60.0	2800
4.200 T	(kubota)	200.0	3400
4.220	(kubota)	50.0	2800
4.230 T		230.0	3600
4.270 T		265.0	3600
4.330 TDI	(kubota)	115.0	2600
4.340 TDI	(kubota)	130.0	2600
4.440	(kubota)	100.0	2700
4.440 ESC	(kubota)	112.0	2800
4.47 MD		47.0	2800
5.250 TDI	(kubota)	85.0	2800
5.280	(kubota)	62.0	2800
6.200		202.0	2500
6.240 E		239.0	2400
6.270 E		270.0	2500
6.280 HE	(kubota)	60.0	2600
6.280 T		275.0	3600
6.300 E		304.0	2600

6.325 CRF2	325.0	2600
6.420 TDI	320.0	3600
6.660 E (Man D0826E)	150.0	2700
6.660 ESC (Man D0826E)	165.0	2800
6.660 LE (Man D0826E)	240.0	2400
6.660 LE (Man D0826E)	310.0	2600

Kuyruk Orani	2.20	2.38 SP 60	2.50	: 1
SD 10	2.16	2.52		: 1

Şanzımanı TMC 40M	2.00	2.60		: 1
TMC 60M	2.00			
TM 345 A	2.00			
TTM 40 A	2.04			: 1
ZF 45 A	2.03			: 1

10 bhp – 230 bhp Kubota Motor
 200 bhp – 300 bhp Toyota Motor
 150 bhp – 760 bhp John Deere Motor

NISSAN	psHP		RPM	
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FD 35 TA	130.0	143.0	3300	3410
FM 6 TA	245.0	270.0	2700	2800
PE 6 TA	270.0	297.0	2100	2170

BD 25	81.0 *		4300	
BD30	100.0		3800	
BD30TI	109.0	110.0	3500	3600

FD 33	100.0		3800	
FD 33T	120.0		3600	
FD 35	130.0		3500	
FD 42	125.0		3200	
FD 46T	135.0		3000	

PF 6TB21(22)	350.0		2100	
PF 6 TC	380.0		2100	

* bhp

PANCAR	HP						RPM					
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E 71	2.1	2.6	3.0	3.5	4.0	4.5	1500	1800	2000	2300	2600	3000
	2.0	2.4	2.7	3.2	3.6	4.0	1500	1800	2000	2300	2600	3000
E 75	3.0	3.7	4.2	4.8	5.4	6.0	1500	1800	2000	2300	2600	3000
	2.7	3.3	3.8	4.3	4.8	5.4	1500	1800	2000	2300	2600	3000
E 79	3.5	4.6	5.2	5.7	6.5	7.0	1500	1800	2000	2300	2600	3000
	3.2	4.2	4.7	5.1	5.9	6.3	1500	1800	2000	2300	2600	3000
E 80	5.0		5.9		6.4		7.0		1500	1800	2000	2300
	4.5		5.4		5.9		6.4		1500	1800	2000	2300
E 89 (11.5)	7.5		9.1		9.9		11.0		1500	1800	2000	2300
	6.8		8.2		9.0		10.0		1500	1800	2000	2300
(9.0)					9.0						2200	
D 108	34.7	41.2	45.1	50.0	52.5	54.8	1500	1800	2000	2300	2600	3000
	32.6	39.0	42.4	46.9	49.5	51.7	1500	1800	2000	2300	2600	3000
V 108	46.3	54.8	59.9	66.6	69.8	73.4	1500	1800	2000	2300	2600	3000
	43.5	51.5	56.6	62.6	66.0	69.8	1500	1800	2000	2300	2600	3000
E 108	11.1	13.3	14.8	16.5	17.1	18.1	1500	1800	2000	2300	2600	3000
	10.5	12.6	13.9	15.4	16.0	16.9	1500	1800	2000	2300	2600	3000
Z 108	23.1	27.3	29.9	33.3	34.9	36.7	1500	1800	2000	2300	2600	3000
	21.8	25.8	28.3	31.3	33.0	34.9	1500	1800	2000	2300	2600	3000

PERKINS	HP	RPM
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3.152 (Massey Ferguson)	45.0		2500	
D 3.152	39.0	49.0	2600	2500
3.1522	44.5		2500	
3.1524	52.0		2500	
T 3.1524	56.0	60.0	2600	2250

3 HD 20	20.0		2800
3 HD 46	47.0		2250
4 HD 76	76.0		2250
6 HD 150 T	150.0		2400
6 HD 185 T	185.0		2400
6 HD 310 T	310.0		1600
8 HD 215 T	215.0		1800

4 . 99	* shp	33.0	40.0	43.0	3300	3600	4000
4 . 107	* shp	36.0	45.0	48.0	3000	3600	4000
4 . 108	* shp	37.0	46.0	47.0	3000	3600	4000
4 . 135				65.0			4000
4 . 154		55.0	62.0	70.0	3000	3000	3600
4 . 165				63.0			3000
4 . 182			73.0	79.0		3000	3000
4 . 203		60.0				2400	
4 . 2032		61.0				2600	
D 4 . 203		65.0				2300	
D 4 . 203 ST		65.0				2300	
4 . 212		62.0				2200	
4 . 236		72.0	73.0	82.0	2200	2600	2600
T 4 . 236			90.0	102.0		2500	2600
T 4 . 38				93.0			2600
4 . 248			77.0	84.0		2200	2500
4 . 2482			72.5	80.0		2600	2600
4 . 41				82.0			2600

6 . 354	112.0	117.0	2500	2800
6 . 3541	118.0		2600	
6 . 3542	118.0		2600	
6 . 3544	124.0	147.0	2600	2600
6 . 3544 – 120 (Detroit)	120.0		2800	
6 . 3544 – 150 (Detroit)	150.0		2400	
6 . 3544 – 185 (Detroit)	185.0		2400	

6 . 3544 – 215 (Detroit)	215.0		2800	
6 . 3544 – 250 (Detroit)	250.0		2800	
T 6 . 354	140.0	147.0	2300	2400
T 6 . 354 GT	178.0		2800	
T 6 . 354 MGT	175.0		2400	
T 6 . 3541	140.0		2300	
T 6 . 3543	157.0		2600	
T 6 . 3544	122.0		2600	
6 . 3724	121.0		2500	

V 8 . 510	120	140	160	174	2800	2800	2800	2800
V 8 . 536	536.0				2100			
V 8 . 540	180.0				2600			
V 8 . 540 – 190	179.0				2400			
V 8 . 640	218.0				2600			
TV 8 . 510	238.0				2600			
TV 8 . 540	171.0		350.0		1500		2800	
TV 8 . 540 M 240	223.0				2000			
TV 8 . 540 M 290	273.0				2600			
TV 8 . 540 M 350	329.0				2800			
TV 8 . 640	250.0				2600			

Condor M 600 Ti	600.0		2100
Condor M 700 Ti	700.0		2100
Condor M 800 Ti	800.0		2300

Eagle 300 Tx	305.0	1900
Eagle 325 Tx	329.0	1900
Eagle 355 Tx	355.0	1900
Eagle 375 Tx	381.0	1900
Eagle 400 Tx	405.0	1900
Eagle 410 Tx	416.0	1800

M 92 B	* (1104 Serie)	85.8	2400
M 135	* (1006 Serie)	132.8	2600
M 150 Ti	* (1006 Serie)	150.2	2500
M 190 C	* (1106 Serie)	192.0	2100
M 216 C	* (1006 Serie)	216.0	2400
M 225 Ti	* (1006 Serie)	222.0	2500
M 250 C	* (1106 Serie)	249.5	2400
M 300 C	* (1006 Serie)	302.0	2400

M 65	* (Sabre)	67.0	2600
M 85 T	* (Sabre)	80.0	2600
M 90	* (Sabre)	81.0	2500
M 92 B	* (Sabre)	87.0	2400
M 115 T	* (Sabre)	114.0	2400
M 130 C	* (Sabre)	130.0	2600
M 135	* (Sabre)	135.0	2600
M 150 Ti	* (Sabre)	152.0	2600
M 185 C	* (Sabre)	190.0	2100
M 215 C	* (Sabre)	215.0	2500
M 225 Ti	* (Sabre)	225.0	2500
M 265 Ti	* (Sabre)	265.0	2500
M 300 Ti	* (Sabre)	300.0	2500
M 370 Ti	* (Sabre)	350.0	2600

Phaser 110 T	107.0	2600
Phaser 110 Ti	107.0	2600
Phaser 120 Ti	122.0	2600
Phaser 125	122.0	2600
Phaser 135	133.0	2800
Phaser 135 Ti	137.0	2600
Phaser 145 T	145.0	2600
Phaser 160 T	162.0	2600
Phaser 180 Ti	182.0	2600
Phaser 210 Ti	212.0	2500

Peregrine 195T	* (Navistar)	198.0	2400
Peregrine 205T	* (Navistar)	213.0	2400
Peregrine 220Ti	* (Navistar)	223.0	2400
Peregrine 230Ti	* (Navistar)	233.0	2400
Peregrine 250Ti	* (Navistar)	254.0	2400
Peregrine 274Ti	* (Navistar)	274.0	2400

Peregrine 7-175Ti	* (Navistar)	177.0	2600
Peregrine 7-190Ti	* (Navistar)	192.0	2600
Peregrine 7-210Ti	* (Navistar)	213.0	2600
Peregrine 7-230Ti	* (Navistar)	233.0	2600

Peregrine 8-195Ti *(Navistar)	198.0	2400
Peregrine 8-210Ti *(Navistar)	213.0	2400
Peregrine 8-233Ti *(Navistar)	233.0	2400
Peregrine 8-250Ti *(Navistar)	254.0	2400
Peregrine 8-275Ti *(Navistar)	279.0	2400

Peregrine 9-250Ti *(Navistar)	254.0	2200
Peregrine 8-300Ti *(Navistar)	304.0	2000

Perama M 20 *(100 Series)	18.0	3600
Perama M 30 *(100 Series)	29.0	3600
Perama M 35 *(100 Series)	35.0	2800
Perama MC 42 *(100 Series)	43.0	2800

Prima M 50 *(500 Series)	50.0	3000
Prima M 60 *(500 Series)	60.0	4000
Prima 65 *(500 Series)	63.0	4500
Prima M 80 T *(500 Series)	79.0	4500
Prima 80 T *(500 Series)	81.0	4500

Range M 90	84.0	2800
Range M 135 *(6.3544)	122.0	2800
Range M 165 T	152.0	2400
Range M 200 Ti	185.0	2400
Range M 240 Ti	223.0	2600
Range M 275 Ti	253.0	2800

102-04				9.0				3600
102-05	6.7	9.4	9.7	11.0	2800	2800	3600	3600
103-06				15.0				3600
103-07	12.7	13.7	16.4	18.0	2800	2800	3600	3600
103-09				19.0				3600
103-10 co	19.0	20.3	21.2	23.5	2800	2800	3600	3600
103-12				25.0				2800
103-13	26.3	27.9			2800	2800		
103-15	28.8	31.5			2800	2800		
103-15 D				29.0				2800
104-19	39.2	42.5			2800	2800		
104-19 D				45.0				2800
104-22				47.0				2800
104-22 co	47.0	50.0			2800	2800		

402D – 05	11.0	11.8	13.7	2800	3000	3600		
403C – 07	16.3	17.7	20.5	2800	3000	3600		
403C – 11			27.0			3600		
403C – 15		30.3	33.7		3000	3000		
403C – 22			52.0			3000		
403D – 07	16.4	17.7	20.5	2800	3000	3600		
403D – 11	19.7	21.6	23.0	2200	3000	3400		
	24.8	26.4	28.2	2800	3000	3400		
	18.4	22.5	23.7	2200	2800	3000		
403D – 15	27.8	29.9	31.4	2200	2400	2600		
		32.7	33.7		2800	3000		
403D – 15 I		32.1	32.5		2800	3000		
403D – 15 T	31.0	33.8	36.6	2200	2400	2600		
		39.4	40.2		2800	3000		
403D – 17		31.6	35.0		2400	2600		
403F – 07			11.8			2200		
403F – 11		19.0	24.7		2200	2800		
403F – 15			24.6			2100		
403F – 15 Ti	32.7	33.8	36.2	2800	2400	2800		
403F – E17 T			40.2			2800		
404C – 22		47.6	51.0		3000	3000		
404C – 22 T			61.0			3000		
404D – 15			35.5			3000		
404D – 22	41.6	45.7	47.9	2200	2400	2600		
	50.0	51.0	42.1	2800	3000	2600		
	43.9	45.6	47.5	2800	3000	2600		
404D – 22 T	53.3	57.7	60.0	2600	2600	2800		
	61.0	48.7	55.7	3000	2800	2600		
404D – 15			35.5			3000		
404D – 22			51.0			3000		
404D – 22 I	42.4	48.7	43.2	49.6	2800	2800	3000	3000
404D – 22 T			61.0				3000	
404D – 22 TA			66.0				2800	
404D – 22 Ti			66.0				2800	
404F – 22	42.1	47.5	47.9	2600	2600	2600		
	45.7	48.8	48.8	2400	2800	3000		
404F – 22 T	48.8	53.6	55.7	2600	2600	2600		
	48.8	60.0	61.0	2800	2800	2800		
404F – E22T			48.8			2800		
404F – E22TA			67.0			2800		

504 – 2	* (Prima)	50.0		2600	
504 – 2 T	* (Prima)	57.0		2600	

704 – 26	58.0			2600	
704 – 30	58.0	63.0		2600	2600
704 – 30 T		82.0			2600

804C – 33	58.0	63.0		2600	2600	
804C – 33 Tb	68.0	75.0	80.0	2500	2500	2500
804C – 33 T		71.0	80.0		2600	2600
804D – 33			64.0			2500
804D – 33 T			84.0			2500

854E – E34 T	75.0			2500				
854E – E34 TA	74.0	84.5	88.5	2200	2200	2500		
	88.5	94.0	100.6	2200	2200	2200		
	100.6	111.3	115.3	2500	2200	2500		
854E – E34 Tai	88.5		100.6	2200		2200		
854E – E34 T	74.3			2200				
854E – E34 Tai	84	94	101	111	2200	2200	2200	2200
	121	89	101	115	2200	2500	2500	2500
854F – E34 T	60.3	63.0	67.0	2200	2500	2200		
		74.3	74.3		2200	2500		
854F – E34 TA	84	89	94	2200	2500	2200		
	101	101	111	2200	2500	2200		
		115	121		2500	2200		

903 – 27	45.5	48.0	49.0	1800	2250	2600
903 – 27 T	64.5		65.0	2250		2600

1004 – 4	85.5	91.0		2600	2600
1004 – 40	69.0			2600	
1004 – 40 S	67.0			2100	
1004 – 40 T	110.0			2600	
1004 – 40 TW	124.0			2300	
1004 – 42	87.0			2400	
1004 – 4 T	116.0			2600	
1006 – 6	135.0			2600	
1006 – 60	116.0			2400	
1006 – 60 T	152.0			2400	
1006 – 60 TA	175.0			2200	
1006 – 60 TW	183.0			2500	
1006 – 6 T	167.0			2600	
1006 – 6 TW	175.0			2600	

1103C – 33 T	74.0		2200	
1103D – 33	49.5		2200	
1103D – 33 TA	77.8		2200	

1104A – 44	85.1		2200			
1104A – 44 T	108.0		2200			
1104C – 44	77.0	86.0	2400	2400		
1104C – 44 T	90.0	100.0	2400	2400		
1104C - 44 TA	130.1		2200			
1104C – E44 T	101.0		2400			
1104D – 44	75.0		2200			
1104D – 44 T	100.0		2200			
1104D – 44 TA	111.3		2200			
1104D – E 44 TA	100.0	110.1	2200	2200		
	116.7	129.4	2200	2200		
	136.8	142.1	2200	2200		
1104D – 44 Tai	85.4	100.6	2000	2200		
1104D – 44 Ti	75.2	88.5	2000	2200		
1106C – E 60 TA	174.5	176.0	2500	2600		
1106C – 70 TA	150	172	183	1200	1400	1400
		194	217		1400	1400
1106D – E 66 TA	119	250	334	2200	2200	2200
1106D – 70 TA	150	158	172	2200	2000	2000
1106D – E 70 TA	156.2	173.9	173.9	2200	2200	2500
	202.5	213.0	225.3	2200	2200	2200
		249.4	275.0		2200	2200
1106D – E 70 TA IOPU		156.0	275.0		2200	2200
1106D – E 76T			213.0			2400

1204E – E 44 TA	82.5	88.4	93.9	2200	2200	2200
	99.9	110.0	115.2	2200	2200	2200
	122.0	124.0	131.4	2200	2200	2200
	137.0	142.1	147.6	2200	2200	2200
1204E – E 44 TTA	141.0	150.0	157.0	2200	2200	2200
			173.5			2200
1204F – E 44 TA	93.9	99.8	109.9	2200	2200	2200
	115.2	122.0	124.2	2200	2200	2200
	131.3	136.9	142.1	2200	2200	2200
			147.6			2200
1204F – E 44 TTA	140.8	150.2	156.9	2200	2200	2200
			173.5			2200
1206E – E 66 TA	119.3	156.2	173.5	2200	2200	2200

1206E – E 70 TTA	187.7	202.5	212.5	2200	2200	2200
	225.3	236.7	250.1	2200	2200	2200
		275.0	301.7		2200	2200
1206E – E 70 TTAi	156.0	173.0	202.0	2200	2200	2200
	225.0	250.0	302.0	2200	2200	2200
1206F – E70 TA	156.0	173.0	202.0	2200	2200	2200

1306 – 76 T	* (Navistar)	213.0		2500
1306 – 76 TA	* (Navistar)	280.0		2300
1306 – E 87 T	* (Navistar)	228.0		2200
1306 – E 87 TA	* (Navistar)	334.0		2000
1306 – 7 T	* (Navistar)	192.0		2600
1306 – 8 T	* (Navistar)	213.0		2400
1306 – 8 TA	* (Navistar)	279.0		2400
1306 – 9 T	* (Navistar)	228.0		2200
1306 – 9 TA	* (Navistar)	304.0		2000

2006 – 12 T1	252.0		2100
2006 – 12 T2	305.0		2100
2006 – 12 TA	383.0		2100
2006 – 12 TW	337.0		2100

3012 – 26 TA 1	748.0		1800
3012 – 26 TA 2	802.0		1800
3012 – 26 TA 3	863.0		1800
3012 – 26 TA 4	918.0		1800

PERKOVIC	psHP	RPM
		hr
JLM 2.14 (Perkins 402D-05)	13.7	3600
JLM 3.18 (Perkins 403D-07)	20.5	3600
JLM 3.29 (Perkins 403D-11)	27.2	3000
JLM 3.34 (Perkins 403D-15)	33.7	3000
JLM 4.50 (Perkins 404D-22)	51.0	3000
JLM 4.75 TI (Perkins 404D-22T)	75.0	3000

PEUGEOT- CITROEN	psHP	RPM
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<i>Benzinli Motorları</i>		
TU 9 M	49.6	6000
TU 1 M	60.0	6200
TU 3 M/C	75.0	5800
TU 3 FJ2	96.5	6800
TU 5 JP	88.5	5600
TU 2 J2	97.9	7200
XU 5 JP	88.3	6000
XU 7 JP	99.2	6000
XU 10 J2C	121.0	5750
XU 10 J2TE	141.3	4400-6200
XU 10 J4R	135.0	5500
XU 10 J4TE	195.7	5000-6500
ZPJ	165.8	5600
ZPJ4	199.7	6000

<i>Dizel Motorları</i>		
TUD 3	50.3	5000
TUD 5	57.1	5000
XUD 7	58.3	4600
XUD 7 T	77.1	4300
XUD 7 TE	89.7	4300
XUD 9	63.7	4600
XUD 9 A	68.4	4600
XUD 9 A I	56.0	3600
XUD 9 BTF	90.0	4000
XUD 9 TE/TF	90.5	4000
XUD 9 TI	71.0	3600
XUD 9 SD	71.0	4600
XUD 11 A	81.5	4600
XUD 11 ATE	108.7	4300
XD 3 P	73.7	4500
XD 3 TP	93.8	4150

DJ 5	85.6	4350
DJ 5TED	107.0	4000
DJ 5 T	103.3	4200

DK 5 ATE	128.5	4300
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DW 8	72.0	4600
DW 10 ATED	110.0	4000
DW 10 TD	90.0	4000
DW 12 TE D4	136.0	4000

* Güç ISO 1585 göre taşıt gücüdür.Denizdeki güç % 85 düşüktür.

POLAR BEAR	PS-HP	RPM
		Tr

KA 27	27.0	3000
KA 37	37.0	3000
KA 47	47.0	3200
KA 62	62.0	3200
KA 80	80.0	3200
KA 90	90.0	3200

PTM	psHP	RPM
PTM 120 PRO	3.5	3600
PTM 160 PRO	5.5	3600
PTM 200 PRO	6.5	3600
PTM 220 D PRO	5.0	3600
PTM 240 PRO	8.0	3600
PTM 270 PRO	9.0	3600
PTM 340 PRO	11.0	3600
PTM 350 D PRO	7.0	3600
PTM 390 PRO	13.0	3600
PTM 420 D PRO	10.0	3600
PTM 520 D PRO	13.0	3600
PTM 680 PRO	22.0	3600
PTM 3C 100 D EPRO	19.0	2800
PTM 3A 139 D EPRO	28.0	2600
PTM 3A 165 D EPRO	34.0	2600
PTM 4A 220 D EPRO	45.0	2600

PZM PUCK DELFIN	Ps-HP		RPM	
6 CT 107 L	144.0		2600	
UE 680	165.0	181.0	2000	2060

PUCK 16	16.0		3000	
PUCK 38 (3250M)	38.0		2000	
PUCK 95-Rekin (SW 400)	95.0	125.0	2200	2400
PUCK 60-Krab (SW 266)	60.0	80.0	2200	2400
PUCK 165-Delfin 2 (SW 680/195)	165.0		2200	
PUCK 200-Delfin 2T (SW 680/197)	200.0		2200	

B 220	190.0		5500	
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Delfin 3 TS (SW 680/197)			2100	
Delfin 4 TA (M 640)	330.0		2000	
Delfin 5 TA	408.0		1800	
Super Delfin (SW 680)	280.0		2100	

<i>Kullanılan Şanzıman</i>		
PR	2.5	: 1
SR 9.5	1.5 – 3.5	: 1
SR 12.5	1.1 – 4.0	: 1
SR 16.5	2.0 – 4.0	: 1
SR 20.5	2.0 – 4.0	: 1

QUEST	BHP	RPM
3.0 L GM Base	140.0	4800
4.3 L GM Enhanced Base	223.0	4800
5.7 L GM	310.0	4800
5.7 L GM Long Block Green	292.0	4800
6.0 L GM Green	380.0	5200

RAKOVICA	psHP	RPM
S 44 / V	79.0	2800
S 44 A/T	82.3	2300
S 44 A I	63.2	2000
S 54 / V	74.8	4200
S 54 / I	61.2	3500
TS 54 / V	95.2	4000

M 33 / I	36.7	2250
M 33 / T	42.2	2250
M 33 / B	27.2	2000
M 34 / I	46.9	2000
M 34 / T	58.5	2300
M 34 / V	63.9	2600
M 34 / B	50.3	2000

DM 32 / I	23.8	1800
DM 32 / T	29.9	2250
DM 32 / B	27.2	2250

S 46 / I	104.7	2250
S 46 / T	122.4	2250
MS 46 / I	100.6	2400
MS 46 / T	111.5	2400
MS 46 / V	122.4	2800
TMS 46 / I	131.9	2400
TMS 46 / T	146.9	2400
TMS 46 / V	151.0	2600

RENAULT	psHP	RPM
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MIDR 04.02.26	150.0	2400
MIDR 06.02.26	250.0	2500
MIDR 06.20.45	339.0	2000
EE9 560	560.0	1900

1.5 dCi 65	65.0	4000
1.5 dCi 75	75.0	4000
1.5 dCi 85	85.0	3750
1.5 dCi 90	90.0	4000
1.5 dCi 105	105.0	3750
1.5 dCi 110	110.0	4000

1.6 dCi 130	130.0	4000
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2.0 dCi 90	90.0	3500
2.0 dCi 115	115.0	3750
2.0 dCi 130	130.0	3750
2.0 dCi 150	150.0	3750
2.0 dCi 175	175.0	3750
2.0 dCi 180	180.0	3750

2.3 dCi 100	100.0	3500
2.3 dCi 125	125.0	3500
2.3 dCi 150	150.0	3500

<i>Benzinli Motoru</i>		
DTR 40	40.0	3500

RENAULT COACH	HP	RPM
RC 8 D	6.5	3600
RC 9 D		
RC 15 D		
RC 16 D	14.0	3000
RC 18 D	18.0	1700
RC 25 D	25.0	2200
RC 30 D	30.0	2800
RC 45 D	45.0	2000
RC 55 D	55.0	2500
2.60	15.0	3000
3.90	19.0	3000

RIGAS	psHP						RPM					
PM21RDZ (2RD1.5M)	17.7	23.0	27.0	28.6	29.5	31.3	1500	1800	2300	2500	2600	2800
			28.6	30.2	31.3	32.9			2300	2500	2600	2800
PM32RDZ (3RD2.3M)	24.5	32.6	39.3	43.3	44.6	47.2	1500	1800	2300	2500	2600	2800
			43.0	45.6	47.1	52.8			2300	2500	2600	2800
PM43RDZ (4RD2.3M)	40.0	48.0	54.9	58.1	60.7	62.7	1500	1800	2300	2500	2600	2800
			57.8	61.2	63.2	66.0			2300	2500	2600	2800
PM56RDZ (4RD2.3TM)	53.3	64.3	72.1	77.5	79.6	84.3	1500	1800	2300	2500	2600	2800
			76.2	81.6	83.0	88.4			2300	2500	2600	2800

ROBIN	HP		RPM		
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DY 23 2D - DY 23 2B	4.2	4.8	3600	3600
DY 27 2D - DY 27 2B	5.0	5.5	3600	3600
DY 30D – DY 30B	5.5	6.5	3600	3600
DY 35D – DY 35B	6.5	7.5	3600	3600
DY 41D – DY 41B	7.5	8.5	3600	3600
DY 42D – DY 42B	6.3	7.0	3600	3600

EC 10 V	3.0	4.0	4000	5000
EC 13 V	3.2	4.2	3600	4000
EC 17 D	5.0	6.5	4000	5000
EC 17 V	5.0	6.5	4000	5000
EC 25 2 D	8.5	12.0	4000	5000

ECO 2ER	0.6	0.9	6000	7000
ECO 2HER	0.73	1.1	6000	7000
ECO 3ER	1.2	1.8	6000	7000
ECO 4ER	1.4	2.0	6000	7000
ECO 4ERV	1.4	2.0	6000	7000
ECO 6D 6B	1.9	2.5	4500	5000
ECO 8D 8B	2.2	3.3	4500	5500
ECO 10D 10B	3.0	4.0	4000	5000
ECO 22 GR	0.65	1.0	6000	7000
ECO 25 GR	0.75	1.2	6000	7000

EH 12 D	2.5	2.8	4.0	3000	3600	4000
EH 12 B	2.5	2.8	4.0	1500	1800	2000
EH 17 D	3.5	4.0	6.0	3000	3600	4000
EH 17 B	3.5	4.0	6.0	1500	1800	2000
EH 25 D	5.5	6.4	8.5	3000	3600	4000
EH 25 B	5.5	6.4	8.5	1500	1800	2000
EH 30D	6.0	7.0	9.0	3000	3600	3600
EH 30B	6.0	7.0	9.0	1500	1800	2000
EH 34D	7.0	8.0	11.0	3000	3600	3600
EH 30V			9.0			3600
EH 34V			11.0			3600
EH 41	8.5	9.5	13.5	3000	3600	3600
EH 43V			14.0			3600
EH 63 D	14.5		18.0	3600		3600
EH 64 D	16.0		20.5	3600		3600
EH 65 D	17.0		22.0	3600		3600

EH 72-2	16.0	19.0	25.0	3000	3600	3600
EH 72 FI	17.0	20.0	24.0	3000	3600	3600

EHO 25	0.75	1.1	7000	7000
EHO 35 A	1.1	1.6	7000	7000
EHO 9-2D	1.5	2.1	3600	4200

EX 13 D	2.6	3.0	4.3	3000	3600	4000
EX 16 D	2.6	3.0	4.3	3000	3600	4000
EX 17 D	3.5	4.0	5.7	3000	3600	4000
EX 21 D	4.4	5.0	7.0	3000	3600	4000
EX 27 D	6.0	7.0	9.0	3000	3600	4000
EX 35 D	7.5	8.5	10.0	3000	3600	3600
EX 40 D	8.5	9.5	12.0	3000	3600	3600

EY 21 AS-EY 21 AS R	11.0	15.0	3600	3600
EY 80 3AS – EY 80 3ASR	15.0	19.0	3600	3600

EY 15D – EY 15 2B	2.7	3.5	3600	4000
EY 20D – EY 20 B	3.5	5.0	3600	4000
EY 23D – EY 23 B	4.5	6.0	3600	4000
EY 28D – EY 28 B	5.5	7.5	3600	4000
EY 35D – EY 35 B	7.0	8.5	3600	3600
EY 40D – EY 40 B	8.0	10.0	3600	3600

EY 15 DK – EY 15 2BK	2.2	3.3	3600	4000
EY 20 DK – EY 20 BK	3.1	4.3	3600	4000
EY 28 DK – EY 28 BK	5.0	6.5	3600	4000
EY 35 DK - EY 35 BK	5.6	7.5	3600	3600
EY 40 DK - EY 40 BK	7.0	8.5	3600	3600

EY 15 V	2.7	3.5	3600	3600
EY 20 V	3.5	4.6	3600	3600

EYO 8D – EYO 8BN	1.4	2.0	3600	4200
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ROLLS-ROYCE	HP			RPM		
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CV 12 M 800	610	735	800	1800	2100	2100
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ROTEK	psHP				RPM			
ED4-2V-0870	10.6	12.5	15.4	16.5	2000	2500	3000	3600
	12.9	16.2	17.7	19.0	2000	2500	3000	3600
ED4W-2V-0794-E	19.7				3600			

ED4-0219	3.40	3.80	3000	3600
ED4-0306	5.00	5.44	3000	3600
ED4-0418	7.75	8.70	3000	3600
ED4-0460	9.25	10.47	3000	3600
ED4-2R-0954-E		17.00		3600

Benzinli				
EG4-0090	2.23	2.43	3600	3600
EG4-0200	5.58	6.08	3600	3600
EG4-0270	7.51	8.92	3600	3600
EG4-0390	10.65	12.17	3600	3600
EG4-0420	11.90	13.06	3600	3600
EG4-2V-0614-E	15.50	18.36	3000	3000
	17.00	20.26	3600	3600

RUGGERINI	HP			RPM		
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RD 180	13.2	14.8	3000	3000
RD 181	13.6	15.5	3600	3600
RD 200	15.5	16.6	3000	3000
RD 201	17.2	18.6	3600	3600
RD 210	17.6	19.0	3000	3000
RD 211	19.8	21.4	3600	3600
RD 218	11.5	12.8	2000	2000

RM 80	7.0	7.6	3000	3000
RM 81	7.6	8.2	3600	3600
RM 90	8.6	9.3	3000	3000
RM 91	9.5	10.2	3600	3600
RM 120	10.3	11.2	3000	3000
RM 121	11.2	12.0	3600	3600
RM 140	11.5	12.5	3000	3000
RM 210	17.6	19.0	3000	3000
RM 270	22.8	25.0	3000	3000
RM 271	24.0	26.0	3600	3600
RM 278	16.0	17.7	2000	2000

RDM 270	12.0			2800		
RDM 290	18.0	19.0	1800	1800		
RDM 298	13.2	14.5	1500	1500		
RDM 901	10.3	11.2	3000	3000		
RDM 901 / 2	20.0	18.8	20.5	2800	3000	3000
RDM 901 / 2L	14.0		15.6	2000		2000

RP 380	34.0	36.0	3000	3000
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RS 5.0	3.9	4.4	3600	3600
RS 6.0	4.8	5.3	3600	3600
RS 8.5	6.7	7.5	3600	3600

RY 50	4.2	4.5	3600	3600
RY 70	5.6	6.2	3600	3600
RY 75.0	6.4	7.0	3600	3600
RY 85.0	6.7	7.2	3600	3600
RY 85.1	7.2	7.8	3600	3600
RY 100	7.7	8.3	3000	3000
RY 101	8.3	9.1	3600	3600
RY 103	7.6	8.4	3600	3600
RY 120	9.2	10.0	3000	3000

RY 121	10.0	11.0	3600	3600
RY 125	9.3	10.3	3600	3600

Micro	4.5	5.0	3600	3600
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MM 150	11.7	12.6	3000	3000
MM 151	14.0	15.2	3600	3600
MM 170 S	12.1	12.8	3000	3000
MM 190	14.3	15.5	3000	3000
MM 191	16.5	17.7	3600	3600
MM 250	25.0		2700	
MM 301	32.0		3600	
MM 350	28.6	32.0	3000	3000
MM 351	32.1	35.4	3600	3600
MM 358	17.0	19.0	1500	1500

SP 420	27.2	30.0	1800	1800
	35.8	39.0	3000	3000
SP 428	19.8	22.0	1500	1500

* NA & NB Horsepower

RUNSUN	psHP			RPM		
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RS 170 F	3.4	3.7	3000	3000
	3.7	4.0	3600	3600
RS 178F	5.0	5.4	3000	3000
	5.5	6.0	3600	3600
RS 186 F	7.7	8.8	3000	3000
	9.0	10.0	3600	3600
RS 188 F	10.2	11.5	3000	3000
	11.3	13.0	3600	3600
RS 192 F	11.5	13.5	3000	3000
	13.5	15.0	3600	3600
RS 812 D	17.0	18.0	3000	3000
	19.0	20.0	3600	3600
RS 836 D	19.0	20.0	3000	3000
	21.0	22.0	3600	3600
RS 836 DT	24.0	26.0	3000	3000
	26.0	28.0	3600	3600
RS 870 D	21.0	22.0	3000	3000
	24.0	25.0	3600	3600

Kendi Şanzımanı	M61	M62	M63	1.88	2.74	3.0
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SABB	Ps-HP		RPM	
G	10.0		1800	
GA	12.0	14.0	1800	2000
2 GZ	22.0		1800	
HG	8.0		2000	
2 HEG	16.0	18.0	2000	2250
2 J	30.0		1900	

F 4.144 GR	54.0	59.0	3600	3600
F 6.622	127.0		2600	
F 6.595 TI	200.0		2450	

L 2.093 LB	19.0		3000	
L 3.139 LB	29.0		3000	
L 4.186 LB	39.0		3000	

M 4.140 GR	33.0		3600	
M 4.210 GR	50.0		3600	
M 4.295 GR	70.0		3600	

SAB K 35	33.0		3600	
SAB K 39	37.4		2700	
SAB K 59	59.0		2700	

<i>SANZIMANLARI</i>				
HVP 25	1.70	2.14	3.05	:1
HVP 45 E	2.14	3.05	3.82	:1
HVP 65 E	2.14	3.05	3.82	:1
HVP 83 E		3.05		:1

SAMOFA	HP		RPM	
1-S-108	10.0	15.0	1000	1500
2-S-108	20.0	30.0	1000	1500

SCAM	HP	RPM
* Kubota		

SD 2.12	13.3	3600
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SD 3.18	19.0	3600
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SD 3.25	25.0	3000
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SD 4.34	34.0	3000
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SD 4.50	49.0	2700
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SD 4.59 T	59.0	2700
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SD 4.67	67.0	2600
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SD 4.85 T	84.5	2600
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SD 4.100 T	100.0	2600
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SD 4.140 TIC	140.0	2600
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SD 16.200 T	167	187	209	2600	2700	2800
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SD 16.240 TIC	191	214	240	2600	2700	2800
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SD 24.280 T	231	258	280	2000	2100	2200
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SD 24.320 TIC	258	292	323	2000	2100	2200
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SCANIA	psHP		RPM	
DI 09 070M 03 01	220		1800	
DI 09 070M 03 02	250		1800	
DI 09 070M 03 03	300		1800	
DI 09 070M 03 04	350		1800	
DI 09 072M 03 21	300		2100	
DI 09 072M 03 22	350		2100	
DI 09 072M 03 23	400		2100	
DI 12 59M 10 45H	300		1800	
DI 12 65M 10 50F	320		2100	
DI 12 59M 10 45J	350		1800	
DI 12 65M 10 50H	370		2100	
DI 12 59M 10 45L	400		1800	
DI 12 65M 10 50J	430		2100	
DI 12 59M 10 45N	450		1800	
DI 12 70M 10 55Q	450		2300	
DI 12 60M 10 51F	500		2100	
DI 12 60M 10 52E	525		2100	
DI 12 66M 10 53E	550		2200	
DI 12 60M 10 54F	600		2100	
DI 12 66M 10 54H	650		2200	
DI 13 070M 03 01	400		1800	
DI 13 070M 03 02	450		1800	
DI 13 070M 03 03	500		1800	
DI 13 070M 03 04	550		1800	
DI 13 072M 03 21	600		2300	
DI 13 072M 03 22	650		2300	
DI 13 077M 03 41	700		2300	
DI 13 077M 03 42	750		2300	
DI 13 077M 03 51	450		2100	
DI 13 077M 03 52	500		2100	
DI 13 077M 03 53	550		2100	
DI 13 080M	220		1800	
DI 13 080M	250		1800	
DI 13 080M	300	300	1600	1800
DI 13 080M	338		1800	
DI 13 080M	350		1800	
DI 13 080M	400		1800	

DI 13 081M	220	1800
DI 13 081M	450	1800
DI 13 081M	500	1800

DI 13 082M	450	2100
DI 13 082M	500	2100

DI 13 083M	550	2100
DI 13 083M	600	2100

DI 13 085M	650	2300
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DI 13 086M	600	2300
DI 13 086M	675	2300

DI 16 042M	525	1800
DI 16 042M	600	1800
DI 16 042M	575	2100
DI 16 042M	650	2100
DI 16 042M	700	2100
DI 16 042M	750	2100
DI 16 042M	800	2200

DI 16 043M 10 57	525	1800
DI 16 043M 10 59	575	2100
DI 16 043M 10 58	600	1800
DI 16 043M 10 70	650	2100
DI 16 043M 10 54	700	2100
DI 16 043M 10 55	750	2100
DI 16 043M 10 56	800	2200

DI 16 045M	850	2300
DI 16 045M	900	2300

DI 16 052M	525	1800
DI 16 052M	600	1800
DI 16 052M	638	1800

DI 16 070M 03 01	550	1800
DI 16 070M 03 02	625	1800
DI 16 070M 03 03	700	1800
DI 16 070M 03 04	750	1800

DI 16 071M	550	1800
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DI 16 071M	625	1800
DI 16 072M 03 21	650	2100
DI 16 072M 03 22	700	2100
DI 16 072M 03 23	750	2100
DI 16 072M 03 24	800	2100
DI 16 072M 03 25	800	2300
DI 16 072M 03 26	850	2300
DI 16 072M 03 27	900	2300
DI 16 077M 03 42	1000	2300
DI 16 073M	650	2100
DI 16 073M	700	2100
DI 16 073M	750	2100
DI 16 073M	800	2100
DI 16 076M	900	2300
DI 16 076M	1000	2300
DI 16 076M	1100	2300
DI 16 076M	1150	2300
DI 16 077M	900	2300
DI 16 077M	1000	2300
DI 16 077M	900	2300
DI 16 077M 0342	1000	2300
DI 16 079M	550	1800
DI 16 079M	625	1800
DI 16 079M	700	1800
DI 16 079M	750	1800
DI 16 080M	300	1800
DI 16 080M	350	1800
DI 16 080M	400	1800
DI 16 080M	450	1800
DI 16 080M	550	1800
DI 16 080M	625	1800
DI 16 080M	700	1800
DI 16 081M	650	2100
DI 16 081M	700	2100
DI 16 082M	800	2100

DI 16 083M	800					2300				
DI 16 083M	850					2300				

DS 9	211	223				1900	2200			
DS 9	257	273				1900	2200			
DS 9	265					2200				
DS 9 (165)	124	163	208	224		1200	1500	1800	2200	
DS 9 (195)	154	201	245	265		1200	1500	1900	2200	
DS 9 (220)	193	250	286	300		1200	1500	1900	2200	
DSI 9	318	352	420	450	483	1900	2200	2200	2200	2300
DSI 9 (258)	330	351				1900	2200			
DSI 9	300					2200				
DSI 9 47 M	450					2300				

D N 11 (215)	182	215				2000	2200			
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D S 11 (330)	283	313	330			1800	1800	2100		
DSI 11 (242)	220	276	311	329		1200	1500	1800	2100	
DSI 11 (288)	262	332	367	392		1200	1500	1800	2100	
DSI 11 (315)	402	428				1800	2100			
DSI 11 (368)	476	500				1800	2100			
DSI 11 (387)	324	360	387			1800	1800	2100		
DSI 11 (425)			425					2100		
DSI 11 74 M	500					2100				
DSI 11 75 M	600					2200				

DSI 12	360	426	575	625	675	1800	2100	2100	2200	2300
DSI 12	410	500				1800	2100			

DS 14 (313)	277	355	404	426		1200	1500	1800	2100	
	246	315	362							
DS 14 (426)	362	404	426			1800	1800	2100		
DSI 14	461	589		675		1800	2100		2100	
DSI 14	552		653	750	800	1800		2100	2200	2200
DSI 14 (356)	306	393	450	484		1200	1500	1800	2100	
DSI 14 (414)	355	469	532	563		1200	1500	1800	2100	
DSI 14 (460)	579	625				1800	2100			
DSI 14 (479)	398	442	479			1800	1800	2100		
DSI 14 (552)			552					2100		
DSI 14 (497)	630	675				1800	2100			
DSI 14 68 M	675					2100				
DSI 14 69 M	750					2200				

Scania – Vabis	HP		RPM	
D 5 M01	87.0	94.0	2000	2000
DS 5 R 80	100.0	112.0	2000	2000
D 8 M01	128.0	142.0	2000	2000
D 8 R 80	156.0	172.0	2000	2000
D 11 R 81	153.0	168.0	2000	2000
DS 11 R 82A	205.0	225.0	2000	2000
DSI 14	312.0	346.0	1900	1900

SEATEK	psHP		RPM	
620 Plus	620.0		2600	
660 Plus	660.0		3100	
725 Plus	725.0		3100	
800 Plus	780.0		3000	
820 Plus	820.0		3100	
850 Plus	850.0		3100	
950 Plus Twin-Turbo	950.0		3200	
12 4V 21	1300.0	1500.0	2800	2800
6.4 V 9	580.0	600.0	3150	3150
6.4 V 10	650.0	720.0	3000	3000
6.4 V 10 D		750.0		3100
6.4 V 10 L		650.0		3000
7.8 Offshore	820.0		3400	
9.1 Endurance	760.0		3300	
10.3 Navy	630.0		3150	
10.3 Offshore	1000.0		3100	
10.3 Offshore CI 1	1050.0		3300	
10.3 Endurance	850.0	950.0	3000	3200

SEENERGIE	psHP	RPM
TUD 30	30.0	3000
TUD 40	40.0	3000

XUD 45	45.0	3000
XUD 50	50.0	3000
XUD 60	60.0	4600
XUD 65	65.0	4600
XUD 70	72.6	3600
XUD 85	85.0	3000
XUD 100 T	105.5	3600
XUD 110 T	110.0	4300

SHANGHAI	PSHP				RPM			
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4 C	180	200	210		2300	2300	2300	
6 C	230	240	260	280	2200	2200	2200	2200
6 CL	280	290	330		2200	2200	2200	

SC 25P	88	82	100		3800	3000	3800	
SC 28P	100	105	92.0	110	3400	3600	3000	3400

SC 5DK		180	200			2200	2200	
SCD 5DK	160	180	200	220	2300	2300	2300	2300

SC 8DK	230	250	260	280	2200	2200	2200	2200
SCD 8DK	240	260	270	280	2200	2200	2200	2200
	290	300	310		2200	2200	2200	

SCD 9DF	215	240	250	260	2200	2200	2200	2200
	270	280	290	300	2200	2200	2200	2200
	310	320	340	375	2200	2200	2200	2200

SC 9DF	380				2200			
SC 9DK	280	300	336		2200	2200	2200	
SCD 9DK	240	260	270	280	2200	2200	2200	2200
	290	300	310		2200	2200	2200	

SIYANG	psHP		RPM	
N 380 C	28.0		2800	
N 385 C	29.5		3000	
N 485 C	39.2		2800	3000
4 L 88 C	88.4	97.2	3200	3303
4 L 88 CB	88.4	97.2	3200	3303
4 L 68 C	68.0	74.8	3200	3303
4 L 68 CB	88.4	97.2	3200	3303
SY 110 C	100.1	110.0	3600	3715
SY 144 C	130.6	143.6	3600	3715
ZX 2105 J	24.0	28.0	1800	2000
Kendi Sanzimani SCG 025	1.88	2.74	: 1	

SKODA	PLHP			RPM		

2 L 110	20.0	24.0	30.0	1000	1200	1500
3 L 110	30.0	36.0	45.0	1000	1200	1500
4 L 110	40.0	48.0	60.0	1000	1200	1500
6 L 110	60.0	72.0	90.0	1000	1200	1500

6 L 150 T	350.0			1500		
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4 L 160	90		108	120	750		900	1000
4 LB 160	90				750			
6 L 160	135		162	180	750		900	1000
6 LB 160	135				750			
6 L 160 PN	187.5	195	225	250	750	780	900	1000
8 L 160	180		216	240	750		900	1000

6 L 275	375		410		500		500	
6 L 275 PN Rr	550				500			
6 L 275 III PN	700				600			
6 L 275 III	480				600			

6 L 350	660				375			
6 L 350 PN	980				375			
9 L 350 II PL	1670		1837		375		375	

6 L 525 II PV	3000				250			
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SOLAX	psHP	RPM
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Benzinli		
YM 168 F	6.5	3600
YM 170 F	7.0	3600
YM 177 F	9.0	3600
YM 182 F	11.0	3600
YM 188 F	13.0	3600
YM 190 F	14.0	3600

Dizel				
YM 170 F – FE	4.2	4.7	3600	3600
YM 178 F – FE	6.0	6.7	3600	3600
YM 186 F – FE	9.0	10.0	3600	3600
YM 186 FA – FE	10.0	11.0	3600	3600
KM 290 FE	18.0	22.0	3600	3600

SOLE		HP		RPM	
Mini 1		6.0		2200	
Mini 2		9.0		2500	
Mini 3		12.0		2800	
Mini 11		9.25	11.0	3600	3800
Mini 17	(Mitsubishi)	14.4	16.0	3600	3800
Mini 26		21.0	25.0	3600	3800
Mini 29	(Mitsubishi)	24.5	27.2	3600	3800
Mini 33	(Mitsubishi)	27.9	31.0	3000	3000
Mini 34		31.0		3000	
Mini 44	(Mitsubishi)	37.3	42.0	3000	3000
Mini 48		41.0	45.0	3000	3000
Mini 55	(Mitsubishi)	44.4	49.3	3000	3000
Mini 62	(Mitsubishi)	53.2	59.0	3000	3000
Mini 74	(Mitsubishi)	57.5	63.9	2500	2500
SDZ 165	(Deutz)	144.4	160.5	2300	2300
SDZ 205	(Deutz)	176.0	197.2	2300	2300
SDZ 280	(Deutz)	244.8	272.0	2300	2300
SM 75	(Mazda)	60.0	72.0	3400	3600
SM 82	(Mitsubishi)	75.0	82.0	2500	2500
SM 85	(Nissan)	75.0	83.0	3600	3600
SM 90	(Mazda)	74.0	88.0	3400	3600
SM 94	(Mitsubishi)	84.5	93.8	2500	2500
SM 103	(Mitsubishi)	92.79	103.0	2500	2500
SM 105	(Mitsubishi)	95.0		2500	
SM 110	(Nissan)	101.0		3600	
SK 60	(Kubota)	53.9	59.8	2700	2700
HS 121	(Hino)	93.0	115.0	3000	3200
HS 150	(Hino)	122.0	145.0	3000	3200
HS 270	(Hino)	230.0	270.0	3000	3000
3 C 30		25.0	27.0	1500	1800
3 C 40		30.0	32.0	1500	1800
Kullanılan Şanzıman					
Ronim V		2.25	3.05	:1	

STEYR	psHP	RPM
144 vti	144.0	3800
236 t	212.0	4300

MO 54 NA33	54.0	2100		
MO 84 K22	75.0	2100		
MO 84 K32	75.0	3200		
MO 94 K33	90.0	86.0	2100	3300

MO 104 K38	95.0	3800
MO 114 K33	110.0	3300
MO 126 K25	120.0	3200
MO 126 K28	122.0	2800
MO 144 M38 (V38)	144.0	3800
MO 156 K25	150.0	3200
MO 166 K28	163.0	2800
MO 164 M40	163.0	4000
MO 174 V40	165.0	4000
MO 196 K35	190.0	3200

MO 236 K42	231.0	3200
MO 236 K43	212.0	4300
MO 246 K41	239.0	4100
MO 256 H45	250.0	4500
MO 256 K43	250.0	4300
MO 266 K43	260.0	4300
MO 286 K43	279.0	3200
MO 306 H43WJ	292.0	3200

SE 126 E 25	120.0	2500
SE 156 E 26	150.0	2600
SE 196 E 35	190.0	3500
SE 236 E 40	230.0	4000
SE 266 S 36	258.0	3600
SE 266 E 40	258.0	4000
SE 286 E 40	279.0	4000
SE 306 J 38	292.0	3800

STRONG	HP	RPM
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Dizel Motorlari		
ST 160	5.5	3600
ST 200	6.5	3600
ST 240	8.0	3600
ST 270	9.0	3600
ST (E) 340	11.0	3600
ST (E) 390	13.0	3600

Benzinli Motorlari				
ST 170	4.2	4.7	3600	3600
ST 178	6.0	6.7	3600	3600
ST 186	9.0	10.0	3600	3600

SUBARU	psHP			RPM		
EA 175 V	4.5			3600		
EA 190 V	5.5			3600		
EH 09	2.8					
EH 64	20.5					
EH 65	22.0					
EH 72	25.0					
ER 12	3.5					
EX 13	2.6	3.0	4.3	3000	3600	4000
EX 17	3.5	4.0	5.7	3000	3600	4000
EX 21	4.4	5.0	7.0	3000	3600	4000
EX 27	6.0	7.0	9.0	3000	3600	4000
EX 30	9.5			4000		
EX 35	12.0			4000		
EX 40	14.0			4000		
EX 64	20.5			3600		
EX 65	22.0			3600		
EX 72	25.0			3600		
EX 72 FI	28.0			3600		
SP 170	5.7			4000		
SP 210	7.0			4000		

SUBRA	HP	RPM
CT2 – 29 TV (kubota Z482)	8.5	2400
CT3 – 44 TV	15.5	2400
CT3 – 69 TV (kubota D1105)	20.0	2400

SUPER STAR	psHP	RPM
		TR

9210	10.0	1500
9216	16.0	2600
9219 – 16 K	12.0	16.0
9219 – 32 K (7728)	28.0	32.0
9219	19.0	3000
9219 – A	19.0	1500
9234	34.0	2750
9239	39.0	3000

11012	12.0	1500
11025	25.0	1500

TATMAR	HP	RPM
		Tr

1 D 8 MK	12.0		2200	
2 D 15 MA	26.0		2400	
3 D 25 M	42.5	46.0	2000	2200
3 D 26 MW	49.0		2400	
3 D 27 M	58.0		2700	
4 D 21 MW	45.0		2500	
4 D 35 M	68.0	80.0	2400	3200
4 D 36 M	78.0	90.0	2600	3150
4 D 39 M	84.0		2800	
4 D 41 M	78.0	84.0	2000	2500
6 D 58 MW	128.0		2800	
6 D 60 MT	165.0		2600	
6 D 60 MW	135.0		2600	

BURTRAK LEP 854A	46.0		2700	
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30 MW	46.0		2250	
40 MW	78.0		2000	
40 LD	84.0		2500	
6D 185 MT	185.0		2600	
6D 210 MT	210.0		2600	

TD MARINE	psHP	RPM

TDME 380	27.0	3000
TDME 385	32.0	3000
TDME 480	37.0	3000
TDME 485	46.0	3000
TDME 490	58.0	3000
TDME 4102	70.0	2500
TDME 4105	80.0	2500

THERMO- KING	HP	RPM
TK 2.35	10.7	2400
TK 2.44 (2TN 66)	8.2	
TK 2.49 (2TNE 66KC)	9.1	
TK 3.53	16.1	2400
TK 3.66 (3TN 66)	11.2	
TK 3.74 (3TNE 66KC)	12.5	
TK 3.88 (3TNA 72)	15.2	
TK 3.95 (3TNA 72KC)	16.8	
3 TNA 66 UJ	16.0	3425
3 TNA 72 UJ	20.0	3400

* Yanmar Motor

TIMRAY Marine	Ps-HP	RPM
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TMD 14 di (Kubota-Kioti)	14.3	3000
TMD 20 di (Kubota-Kioti)	21.0	3000
TMD 27 di (Kubota-Kioti)	27.0	3000
TMD 32 di (Kubota-Kioti)	32.0	3000
TMD 37 di (Kubota-Kioti)	37.0	3000
TMD 46 di (Kubota-Kioti)	49.0	3200
TMD 58 di (Kubota-Kioti)	58.0	3000
TMD 70 di (Kubota-Kioti)	70.0	2500
TMD 80 di (Kubota-Kioti)	80.0	2500

TMJ 14 dii (Perkins 402D-05)	14.0	3600
TMJ 17 dii (Perkins 403D-07)	17.0	3600
TMJ 27 dii (Perkins 403D-11)	27.0	3000
TMJ 34 dii (Perkins 403D-15)	34.0	3000
TMJ 36 dii (Perkins 404D-15)	36.0	3000
TMJ 47 dii (Perkins 404D-22)	51.0	3000
TMJ 70 tdii (Perkins 404D-22)	70.0	2800

THORNYCROFT		psHP		RPM	
33	(Mitsubishi)	13.5	15.0	3600	3600
50	(Mitsubishi)	20.7	23.0	3600	3600
60	(Mitsubishi)	20.0	23.0	3000	3000
80	(Mitsubishi)	29.0	35.0	3000	3600
90		30.0	36.0	3000	3500
108		38.0	47.0	3000	3500
150	(Ford)	55.0	66.0	3000	3500
152	(Ford)	55.0	70.0	3000	4000
238	(Cummins)	76.0		2500	
T 238	(Cummins)	130.0		2500	
251	(Ford)	77.3	85.0	2600	2600
358	(Cummins)	115.0		2500	
381	(Ford)	115.4	127.0	2600	2600
T 361	(Ford)	136.0	150.0	2400	2400
TA361	(Ford)	182.0	200.0	2450	2400

TÜMOSAN	HP		RPM	
				Tr

3 D 26 * (Fiat)	49.0		2400	
3 D 27 * (Fiat)	55.0	58.0	2500	2700
3 D 29 * (Fiat)	60.0		2500	

4 D 35 * (Fiat)	66.0	80.0	2400	3200
4 D 36 * (Fiat)	74.0	78.0	2500	2600
4 D 39 * (Fiat)	71.0	82.0	2500	2500

4 DT 39 T 175C	75.0		2500	
4 DT 39 T 185C	85.0		2500	
4 DT 39 T 195C	95.0		2500	
4 DT 39 T 100C	100.0		2500	

TZH (TianZhong)	HP		RPM	
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160 F	2.2		2600	
165 F	2.7		2600	
170 F	4.3		2600	
178 F	4.9	5.4	3000	3600
186 F	7.6	8.5	3000	3600

SQD 186 N	9.4		2400	
SQD 192 B	10.3		2200	
SQD 192 N	10.3		2200	
SQD 194 N	11.8		2400	

4 F 20 ATCI	80.5		3200	
4 F 20 BTCI	67.0		3200	
4 F 20 CTCI	53.6		3200	
4 F 20 TCI	100.6		3600	

4 G 33	61.7	73.1	2200	2600
4 G 33 T	49.4	59.1	2200	2600

<i>Benzinli Modeller</i>				
CQ 168 F	5.0	5.4	3600	3600
CQ 168 F -1	4.2	4.6	3600	3600
CQ 170 F	5.2	5.6	3600	3600
CQ 173 F	5.9	6.7	3600	3600
CQ 177 F	7.0	7.8	3600	3600
CQ 188 F	9.9	11.0	3600	3600
CQ 190 F	11.7	10.5	3600	3600

UNIVERSAL	HP	RPM
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Model 12	10.0	3600
Model 15 (5411)	11.0	3600
Model 18	14.0	3200

Model 20 (5416)	16.0	2800
Model 25	21.0	3200
Model 25XPA	23.0	3200

Model 30 (5424)	24.0	2800
Model 3-20	18.0	3600
Model 35A	30.0	3200

Model 40 (5432)	32.0	2800
Model 4-30A	23.0	3600
Model 40A	32.0	2800

Model 50 (5444)	44.0	3000
Model 50 A	44.0	3000

UJS-UJSR	4.0	7.1	11.0	15.0	600	1000	1500	2000
				18.0				2500
UJ-UJR-UJVP	5.0	7.3	11.9	16.2	600	1000	1500	2000
		20.0	25.0	30.0		2500	3000	3500

USTA OGLU	HP	RPM
(Marinization)		TR
USTP-14 (Kubota Z-482)	14.0	3600
USTP-29 (perkins 403D-11)	29.0	3400
USTP-34 (perkins 403D-11)	34.0	3000
USTP-51 (perkins 404D-22)	51.0	3000

UZEL	psHP				RPM			
								Tr

D 3.152	* (Perkins)	49.6			2250			
		30.5	39.0	42.5	43.0	1500	1800	2000
		45.0	47.0	49.0	49.6	2200	2250	2400

A 4.248 - LF 97	77.0	85.1	2100	2500
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LD 97170	65.0		2200	
LF 97050	75.0		2000	

SISU- AGCO Valmet	psHP			RPM		
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44 CTIM	136.0			2200		
49 CTIM	180.0			2200		
66 CTIM	260.0			2200		
74 CTIM	320.0			2200		
84 CTIM	410.0			2100		

320 D	63.0	65.0	2200	2400		
320 DS	82.0	84.0	2200	2400		
320 DSRE	79.0		2300			

420 D	84.0	87.0	2200	2400		
420 DS	110.0	114.0	2200	2400		
	130.0	140.0	2200	2400		
420 DSI	150.0	170.0	2200	2400		
420 DSRE	98.0		2300			
420 DW	112.0	114.0	2200	2400		
420 DWI	118.0	122.0	2200	2400		
420 DWRE	112.0		2200			
420 DWRIE	129.0		2200			

612 DS	201.0	239.0	2200	2300		
612 DSB	227.0		2200			
612 DSI	252.0	265.0	2200	2300		

620 D	126.0	131.0	2200	2400		
620 DS	171.0	177.0	2200	2400		
	190.0	210.0	2200	2400		
620 DSBI	220.0	260.0	300.0	2200	2400	2400
620 DWRE	175.0		2200			
620 DWRIE	180.0		2200			

634 DS	190.0		2200			
634 DSBIE	220.0		2200			

645 DSBIE	272.0			2200		
645 DSBI	280.0	350.0	410.0	2000	2100	2400
645 DSBAE	358.0			2000		

VETUS		HP		RPM	
M 2.02	12.0			3000	
M 2.04	10.0	11.0		3600	3600
M 2.05	9.2	10.2		3600	3600
M 2.06	13.5	16.0		3600	3600
M 2.13	12.0			3000	
M 2.18	16.0			3600	
M 3.09	25.0			3600	
M 3.10	18.5	22.0		3000	3000
M 3.28	27.2			3600	
M 3.29	27.0			3600	
M 4.14	27.7	33.7		3000	3600
M 4.15	33.0			3000	
M 4.17	42.0			3000	
M 4.19	51.6			3600	
M 4.35	33.0			3000	
M 4.45	42.0			3000	
M 4.55	52.0			3000	
M 4.56	52.0			3000	
M 2.C5	11.0			3000	
M 2.D5	13.0			3600	
F 1.02	5.9			3600	
F 1.03	7.1			3600	
P 4.17	37.8	42.0		3000	3000
P 4.19	46.4	57.0		3600	3600
P 4.23	48.0			2500	
P 4.25	55.0	62.0		3500	3500
P 4.42	63.0			4200	
C 4	81.0			2800	
CT 4	151.0			2800	
C 6	121.0			2600	
CT 6	212.0			2600	
CT 6A	252.0			2600	
CT 6A II	359.0			2800	

D 4.29	65.4	3000
DT 4.29	83.0	2800
DT 4.30	106.0	2650
DTA 4.30	128.0	2650
DT 4.40	114.0	2500
DTA 4.40	140.0	2500
DT 4.70	68.0	2800
DTA 4.85	85.0	3000
DT 64	159.0	2650
DTA 64	192.0	2650
DT 66	170.0	2500
DTA 66	210.0	2500
DT 67	231.0	2600
DTA 67	286.0	2600
M 2 C 5	11.0	3000
M 2 D 5	13.0	3600
VH 4.65	65.3	3000
VH 4.80	80.3	4000
VF 4.140E	140.0	4000
VF 4.170E	170.0	4000
VF 4.190E	190.0	4000
VF 5.220E	220.0	4200
VF 5.225E	250.0	4200

VIDHATA	psHP	RPM
(Petter)		In

VH 1	5.0	1500		
VH 2	6.5	1500		
VA 3 G	7.5	1500		
VH 3	8.0	1600		
VH 4	8.0	1500		
VH 5	10.0	1500		
VH 6	12.5	1500		
V 13 G	13.0	1500		
2 VH 7	14.0	1500		
V 15 G	15.0	1500		
2 VH 8	16.0	1500		
	18.0	1500		
2 VH 9	20.0	1500		
VA 22 DAG	22.0	1500		
2 VH 10	25.0	1500		
VM 2	28.0	32.0	1500	1800
VM 2	41.0	46.0	1500	1800
VM 2	54.0	62.0	1500	1800
VM 2	76.0	90.0	1500	1800
VM 2	84.0	100.0	1500	1800
VM 2	125.0	150.0	1500	1800

(Lister)			
VL 5	6.0	650	
VL 6	8.0	850	
VL 7	10.0	950	
VL 8	10.0	1000	
VL 9	12.0	850	
2 VL 10	12.0	650	
2 VL 11	16.0	850	
2 VL 12	20.0	1000	

VM	PsHP				RPM			
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D 704 L	56.0	62.0	2600	2600
D 704 LT	78.0	85.0	2600	2600
D 706 LT	118.0	128.0	2600	2600

DN 9-40A	141.0	174.0	1900	2200
DN 11	184.0		2000	

DS 9-52A	212	243	254	291	1900	1900	2200	2200
DS 9-53A		192	218	227		1900	1900	2200

DS 11	295.0			1800	
DSI 11	359.0			1800	
DS 14	404.0			1800	
DSI 14	442.0			1800	
DSI 11/S	423.0			2100	
DSI 14/S	625.0			2100	

MR 504 LB	115.0			3000	
MR 504 LS	130.0			4000	
MR 504 LH	150.0			4000	
MR 504 LX	170.0			4000	

MR 704 LS	170.0			3800	
MR 704 LH	210.0			3800	
MR 704 LX	230.0			3800	

MR 706 LS	270.0			3800	
MR 706 LH	320.0			3800	
MR 706 LX	350.0			3800	

SUN 2105	38.0	42.0	2600	2600
SUN 2105 M 11.5	24.0	36.0	2000	2200
SUN 3105	58.0	63.0	2600	2600
SUN 3105 M 11.5	54.0		2200	
SUN 3105 T	67.0	74.0	2400	2400
SUN 4105 E	71.0	80.0	2400	2400
SUN 4105 M 11.5	72.0		2200	
SUN 4105 TE	94.0	105.0	2400	2400
SUN 6105 E	109.0	120.0	2400	2400
SUN 6105 M 11.5	108.0		2200	
SUN 6105 TE	144.0	158.0	2400	2400

294 MA 10	25.0		2600	
294 MA 10.1	25.0		3000	

HR 394 HP	48.0		3200	
HR 394 HPT	66.0		3200	
HR 394 H	48.0		3200	
HR 394 HT	66.0		3200	
HR 492 HI.9	102.0	110.0	3800	3800
HR 494 H10.1	20.0	25.0	2000	2200
HR 494 H 10	60.0	67.0	3000	3200
HR 494 HT 10	84.0	94.0	3000	3200
HR 494 HID 10	140.0		3600	
HR 494 HT 2	93.0		3200	
HR 692 HI 9	149.0	170.0	3800	3800
HR 694 H 10	90.0	100.0	3000	3200
HR 694 HT 10	126.0	140.0	3000	3200
HR 694 HID 10	220.0		3600	
HR 694 HT 2	150.0		3200	
HR 694 HIL 10	180.0		3000	

425	125.0		4200	
638	180.0		4200	
Ditronic-2500	114.0		4000	

703 L	50.0		3000	
703 LT	72.0		3000	
703 LTS	62.0		3000	
704 L	69.0		3000	
704 LT	84.0		3000	
704 LI	165.0		3800	
706 LI	250.0		3800	
706 LT	132.0		3000	

V M 1306 H	165.0		1800	
V M 1308 H	220.0		1800	
V M 1308 HI	280.0		1800	
V M 1312 H	243.0		1800	
V M 1312 HI	309.0		1800	

V M 6130 S	190.0		2300	
V M 6130 TS	240.0		2200	

V M 8130 S	259.0		2300	
V M 8130 TS	319.0		2200	
V M 12130 S	381.0		2300	

VOLKSWAGEN	HP	RPM
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SDI 40-4	40.0	2600
SDI 50-4	50.0	3000
SDI 55-5	55.0	2500
SDI 60-4	60.0	3600
SDI 75-5	75.0	3600

TDI 75-4	75.0	3600
TDI 100-5	100.0	2600
TDI 115-4	115.0	4000
TDI 120-5	120.0	3250
TDI 150-5	150.0	4000
TDI 150-5 D	147.0	4000
TDI 165-5	165.0	4000
TDI 225-6	225.0	4200
TDI 265-6	265.0	4200
TDI 350-8	350.0	4200

ADF	66.7	4000
ADG	58.5	4000
ADE	76.2	4000
AFD	81.7	3300
AER	50.4	5000
AVQ	100.5	4000
BJB-BKC-BLS-BXE	57.0	4000
BRU-BXF-BXJ	48.8	4000

Volvo Penta	psHP				RPM		
<i>Diesel Engines</i>							

113 BR	44	50	58	1500	1800	2200
AD 31 L	130.0			3800		
AD 31 P	150.0			3900		
AD 41 L	165.0			3600		
AD 41 P	200.0			3800		

MD 2001	9.0				3200		
MD 2002	18.0				3200		
MD 2003	28.0				3200		
MD 2003 T	43.0				3200		
MD 2010	10.0				3200-3600		
MD 2020	19.0				3200-3600		
MD 2030	29.0				3200-3600		
MD 2040	40.0				3200-3600		
KAD 32 P	170.0				3800		
KAD 42 B	231.0				3800		
KAMD 42	230.0				3900		
KAD 43 P	230.0				3900		
KAMD 43 P	230.0				3900		
KAD 44 P EDC	260.0				3700-3900		
KAMD 44 P	260.0				3900		
KAMD 44 P EDC	260.0				3800		
KAD 300	285.0				3800		
KAMD 300	285.0				3800		

MD 1	7.0				2300			
MD 1 B	10.0				2500			
MD 2	16.5				2300			
MD 2 B	25.0				2500			
MD 3 B	36.0				2500			
MD 4	19	25	30	39	1500	2000	2500	3300
MD 5 A	* shp	7.5			2500			
MD 5 B	* shp	7.5			2500			
MD 5 C	* shp	9.5			3000			
MD 6 A		10.0			2400			
MD 6 B	* shp	10.0			2400			
MD 7 A		13.4			2600			
MD 7 B	* shp	17.0			3000			

MD 11 C	* shp	23.0		2500		
MD 11 D	* shp	20.0	25.0	2300	3000	

MD 17 C	* shp	35.0		2500	
MD 17 D	* shp	30.0	36.0	2300	3000
MD 19		68.0		4500	

MD 21 A		51.0	75.0	3000	4500
MD 21 B	* shp	45.0	61.0	3000	4500
MD 22		59.0		4000	
MD 22 L		50.0		3000	
MD 22 P		59.0		4000	
TAMD 22 P		105.0		4500	
TMD 22		78.0		4500	
TMD 22 P		78.0		4500	

MD 30 A		65.0		3800	
TMD 30 A		90.0		3800	
TAMD 30 A		95.0	110.0	3800	
MD 31 A		62.0		3500	
TMD 31 A		100.0		3800	
TMD 31 B		100.0		3800	
TMD 31 L		100.0		3800	
TAMD 31 A / B		110.0	130.0	3250	3800
TAMD 31 L		130.0		3800	
TAMD 31 M		110.0		3250	
TAMD 31 P		150.0		3900	
TAMD 31 S		100.0		3000	
MD 32 A		69.0	89.0	3000	4000

MD 40 A		72.0	85.0	3000	3600
TMD 40 A		124.0		3600	
TAMD 40 A	* shp	141.0	110.0	3600	3000
TMD 40 B		136.0		3600	
TAMD 40 B		111	148 165	3000	3250 3600
TMD 40 C		136	128	3600	3250
TAMD 41 H		146.0		2600	
TAMD 41 M		170.0		3250	
TAMD 41 P		200.0		3800	
TMD 41 A		150.0		3800	
TMD 41 L		150.0		3800	
TAMD 41 B		200.0	170.0	3800	3250
TAMD 41 A		200.0	170.0	3800	3250
TAMD 41 H		145.0		2500	
TAMD 41 M		170.0		3250	
TAMD 41 P		200.0		3800	
TAMD 42 WJ		230.0		3900	
MD 47		70.0	82.0	2000	2500

MD 50 A	75.0	87.0	92.0	1800	2200	2500
TMD 50 A	93.0	110.0	118.0	1800	2200	2500

TAMD 60 A	* shp	154.0	192.0		2500	2800	
TAMD 60 B	* shp	184.0	221.0		2500	2800	
TAMD 60 C		177	210	250	2200	2500	2800
TAMD 61 A		190	228	306		2500	2800
TAMD 62		330.0			2800		
TAMD 63 L		235	310	318	2500	2800	2800
TAMD 63 P		360		370	2800		2800
MD 67		87.0		103.0	1800	2400	
MD 67 C		112.0			2400		

MD 70 A		100.0		117.0	1800		2200				
TMD 70 A		195.0		220.0	2400		2500				
MD 70 B		100	110	120	1800	2000	2200				
TMD 70 B	* shp	156.0		192.0	2000		2500				
TAMD 70 B		200	215	230	250	1800	2000	2200	2500		
		155	170	185		1800	2000	2200			
MD 70 C	* shp	106	114	139	2000		2200	2500			
TMD 70 C		156	182	192	2000			2500			
TAMD 70 C		206.0		270.0	2200		2500				
TAMD 70 D		240		270	2500		2500				
TAMD 70 E		211	270	300	2000	2500	2500				
TAMD 71 A		218	286	350	2000	2500	2500				
TAMD 71 B		218	286	350	380	2000	2500	2500	2600		
TAMD 72		430.0				2600					
TAMD 72 A		430.0				2600					
TAMD 72 WJ		450.0				2600					
TAMD 73P EDC		430.0				2600					
TAMD 73 WJ		450.0				2600					
TAMD 74 A		209	218	250	287	350	1800	2000	2100	2200	2200
TAMD 74 C		430		450		2500		2600			
TAMD 74 L EDC		430				2500					
TAMD 74 P EDC		480.0				2600					
TAMD 75 P		480.0				2600					

MD 96		127	137		1800		2200
TMD 96		138	157		1500		1800
TMD 96 1 B			240.0				
TIMD 96		155.0	185.0		1500		1800

MD 100 A		135	143	148	1800	2000	2200
MD 100 B		155		195	1800		2200
TMD 100 A	* shp	195		209	1800		2000
TMD 100 C		238	258	272	1800	2000	2000

TMD 102 A	238	272	1800	2000		
TAMD 102 A	320	360	400	1800	2000	2200
TAMD 102 D	428	455	2200	2250		
TAMD 103 A	271	347	390	1800	1800	1800

TAMD 120 A	290.0	342.0	1800	2200				
TMD 120 A	290.0	2000						
TMD 120 B	287	326	1800	2000				
TAMD 120 B	328	365	384	1800	2000	2200		
TMD 121 C	300	320	340	1800	1800	2000		
TAMD 121 C	367	387	408			2000		
TAMD 121 D	367	387	422	1800	1900	2000		
TMD 122 A	300	320	1800	1800				
TAMD 122 A	380	400	1800	1900				
TAMD 122 D	380	400	450	480	1800	1900	2000	2050
TAMD 122 P	579	600	2250	2250				
TAMD 122 P EDC	530	610	2200	2250				

TAMD 162 A	470	490	551	1800	1900	1900
TAMD 162 B	612	2100				
TAMD 162 C	510	550	1800	1900		
TAMD 163 A	550	600	1800	2250		
TAMD 163 P	680	751	770	2100	2100	2100
TAMD 165 A	550	600	1800	1800		
TAMD 165 C	510.0	1800				
TAMD 165 P	680	751	2100	2100		
D 1-13	12.2	3200				
D 1-20	19.0	3200				
D 1-30	28.0	3200				

D 2-40	40.0	3200
D 2-55	55.0	3000
D 2-75	75.0	3000

D 3-110	110.0	3000
D 3-130 A	130.0	4000
D 3-140	140.0	4000
D 3-150	150.0	3000
D 3-160	163.0	4000
D 3-170	170.0	4000
D 3-190	190.0	4000
D 3-200	200.0	4000
D 3-220	220.0	4000

D 4-180	180.0	2800
D 4-210	210.0	3500
D 4-225	225.0	3500
D 4-260	260.0	3500
D 4-300	300.0	3500

D 5 A T	129	113	110	98	2300	1900	2300	1900
D 5 A TA	160	140	139	121	2300	1900	2300	1900

D 6-280	280.0	3500
D 6-300	301.0	3500
D 6-310	310.0	3500
D 6-330	330.0	3500
D 6-350	350.0	3500
D 6-370	370.0	3500
D 6-400	400.0	3500
D 6-435	435.0	3500
D 6-435 WJ	435.0	3500

D 7 A T	175	172	167	147	2300	1900	2300	1900
D 7 A TA	237	208	201	177	2300	1900	2300	1900
D 7 C TA	265	230	226	198	2300	1900	2300	1900

D 9 MH	300	355	355	425	1800	1800	2200	2200
D 9-425	425.0				2200			
D 9-500	500.0				2600			
D 9-575	575.0				2500			

D 11-625	625.0	2400
D 11-670	670.0	2300
D 11-725	725.0	2500

D 12-400	400.0	1800
D 12-450	450.0	1800
D 12-550	550.0	1900
D 12-615	615.0	2100
D 12-650	650.0	2300
D 12-675	675.0	2300
D 12-700	700.0	2300
D 12-715	715.0	2300
D 12-800	775.0	2300

D 13-MH	400	450	500	550	600	1800	1800	1800	1900	1900
D 13-700	700.0					2300				
D 13-800	800.0					2300				
D 13-900	900.0					2300				

D 16 MH	501	551	601	651	751	1800	1800	1800	1800	1900
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D 25 A MT	639	707	1600	1650
D 25 A MS	598	660	1600	1650
D 30 A MT	653	721	1350	1400
D 30 A MS	605	666	1350	1400

D 34 A MT	953	1055	1940	2000
D 34 A MS	862	953	1940	2000

D 41 L	150.0	3800
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D 49 A MT	1278	1414	1600	1650
D 49 A MS	1197	1319	1600	1650

D 65 A MT	1700	1877	1600	1650
D 65 A MS	1591	1754	1600	1650

<i>Benzinli motorlari</i>				
C 2	7	11	1000	1500
C 5	5.0		1600	
C 10	10.0		1600	
BB 25	22	32	1500	2200
BB 30	24	45	1800	3000
BB 30 B	45.0		3000	
BB 30 F	45.0		3000	
BB 41				
BB 70	50.0	65.0	3000	4000
BB 100	100.0		5000	
BB 100 A	63.0	100.0	3000	5000
BB 115 A	71.0	115.0	3000	5500
BB 115 B	95.0		5500	
BB 115 C	95.0		5500	
BB 145	138		5500	
BB 165 A	106.0	165.0	3000	5000
BB 170 A	106.0	165.0	3000	5000
BB 170 B	141.0		5000	
BB 170 C	141.0		5000	
BB 231 A	229.0		4600	
ED 6	30	84	1000	3000
F 12 A	5.5		1350	
MB 2 A	6.8	7.2	5000	5200
MB 10 A	15.0		2000	
MB 16	22.0	50.0	1500	3500
MB 18 B	40.0	85.0	2000	4500
MB 18 F	56.0		4000	

MB 36		72.0	120.0	2000	4000
MB 36 A		72.0	120.0	2000	4000

501	(GM V8)	229.0		4600	
570	(GM V8)	265.0		4600	
740	(GM V8)	330.0		4400	

3.0 GS	* shp	135.0		4400	
4.3 GĪ	* shp	205.0		4600	
4.3 GĪ E	* shp	200.0		4800	
4.3 G L	* shp	190.0		4600	
4.3 GS	* shp	205.0		4600	
4.3 GX Ī E		225.0		4800	
5.0 G Ī		250.0		4800	
5.0 G L		220.0		4600	
5.0 GX Ī	* shp	270.0		5000	
5.7 GS		250.0		4600	
5.7 GS I		280.0		5000	
5.7 GX Ī	* shp	315.0		5000	
7.4 Gi	* shp	310.0		4400	
7.4 GSĪ	* shp	385.0		5000	
8.1 G Ī	* shp	375.0		5000	
8.1 GSĪ	* shp	420.0		5000	
8.2 GSĪ	* shp	415.0		5000	
740		330.0		4400	
V8-300		300.0		5000	
V8-320		320.0		5200	

DPX 375	* shp	375.0		5000	
DPX 385		385.0		4800	
DPX 415		415.0		4800	
DPX 420	* shp	420.0		5000	
DPX 500	* shp	475.0		5200	
DPX 600	* shp	560.0		5200	

Aquamatic					
AQ AD 31	110	130	3250	3800	
AQ AD 31 P	150.0		3900	(4000)	
AQ AD 40	155	120.0	3600	3000	
AQ D 41	150.0		3800		
AQ AD 41	165	200	3600	3800	
AQ 105 A	105.0		5100		
AQ 115 A	115.0		5100		
AQ 130 A	130.0		5100		
AQ 130 B	115.0		5100		
AQ 130 C	130.0		5100		
AQ 131	120.0		5000		
AQ 151	146.0		5500		
AQ 165 A	165.0		5000		
AQ 170 A	170.0		5000		
AQ 171	167.0		5700		
AQ 200	200.0		4400		
AQ 205	205.0		4800		
AQ 211	210.0		4400		
AQ 225	225.0		4400		
AQ 231	229.0		4600		
AQ 260 A	260.0		4400		
AQ 271	275.0		4600		
AQ 290 A	290.0		5200		
AQ 311	307.0		5200		
Kuyruk					
50 S	2.83				:1
110 S	1.66				:1
120 B	2.20				:1
120 S	2.20	2.50			:1
130 S	2.19	2.47			:1
150 S	2.19				:1
200 B	1.59				:1
200 C	1.85				:1
270 B	1.61				:1
270 C	1.89				:1
270 D	2.15				:1
280 D	2.15				:1
290 B	1.61				:1
SP			2.15		:1
SP A – A1 – A2 – C	1.61	1.89	2.15		:1
SX	1.43	1.51	1.66	1.79	2.18
SX –C & SX – M	1.43	1.51	1.60	1.66	1.79

		1.89	1.97	2.18	
DP	1.78	1.95	2.30	:1	
DP-A – A1 – A2 – B – B1 –C	1.78	1.95	2.30	:1	
DP-PT		1.95	2.30	:1	
DP-E	1.68	1.78	1.95	:1	
DP-S & DP-SM	1.78	1.95	2.32	:1	
DP-X	1.59	1.68	1.78	:1	
DP-G	1.59	1.68		:1	

200 B	1.59			:1	
200 C		1.85		:1	
270 B	1.61	1.89	2.15	:1	
275	1.61			:1	
280	1.61	1.89	2.15	:1	
280 B	1.61			:1	
280 T	1.61	1.89	2.15	:1	
285	1.61	1.95	2.30	:1	
290 A	1.61	1.89	2.15	:1	

Kullanilan Sanzimanlar					
BW	1.91	2.10	2.90	:1	
RB	1.87	3.42		:1	
MS	1.91			:1	
MS B	1.91			:1	
MS 2B	2.40	3.00		:1	
MS 2 L	2.30	2.70		:1	
MS 3 B	8 dereceli	1.54	1.93	:1	
MS 3 C	8 dereceli	1.54	1.93	2.73	:1
MS 4 A	8 dereceli	1.50	1.93	2.63	:1
MS 5	8 dereceli	1.50	1.94	2.40	:1
MS 5 B	8 dereceli	1.94	2.40	:1	
MS 10 A/L		2.35	2.72	:1	
MS 15 A/L		2.14	2.63	:1	
MS 25 A	8 dereceli	2.23	2.74	:1	
MS 25 L		2.10	2.27	2.74	:1
MS 25 S & MS 25 SR		2.19		:1	
Prm Delta		2.10	2.85	:1	
HS 1 (E)		1.96	2.62	:1	
HS 25 A		2.29	2.71	:1	
HS 45 A		1.51	2.03	2.43	:1
HS 63 AE		1.56	2.04	2.52	:1
HS 63 VE		1.56	2.00	2.48	:1
HS 80 AE		1.57	1.96	2.50	:1
HS 80 VE		1.64	2.08	2.49	:1
PRM 302		1.94	2.90	:1	
PRM 402		1.96	2.90	3.95	:1

IRM 220 A-1	1.53	2.04		:1
ZF 220				
ZF 280				
ZF 311 A-EB				
ZF 325 A-EB				
MG 502 10 dereceli	1.50	2.00	2.50	:1
MG 5114 SC/DC				

VOLVO PENTA	PsHP				RPM			
B 18 A	75.0	85.0			4700	5000		
B 18 D	90.0	100.0			5500	5700		
DH 10 A	250.0							
DH 12	350.0							
D 40	110.0							
D 45 BPP	65	71	75		1800	2000	2300	
TD 45 B	90	102			2200	2400		
D 50	108.0				2300			
TD 50	140.0				2300			
TD 50 B	170.0				2800			
D 60	115.0				2300			
TD 60	147	177			2300	2800		
TD 60 B	155	180			2500	2800		
TD 60 B PP	91	113	124		1500	1800	2000	
		133	138			2200	2500	
TD 60 D	154.0							
TD 61 A	154	171			2500	2800		
TD 61 AW	162.0				2500			
TD 61 AP	148	155	165		2000	2200	2500	
TD 61 GD	126 (118)				2200			
TD 63 KDE	130 (122)				2100			
TD 63 KGE	128.0				2000			
D 70 A	160 (140)				2500			
TD 70 A	195 (185)				2400			
D 70 B	150.0				2500			
TD 70 B	210 (192)				2400			
TD 70 H	213.0							
TD 70 E	210 (204)				2400			
TD 70 F	235 (220)				2400			
TD 70 G	188	213			2200	2400		
TD 70 G PP	131	155	166	173	1500	1800	2000	2200

TD 71 A	189	216	2200	2400
		227		2400
TD 71 AP	174	185	192	1800 2000 2200
TID 71 A	216	246	2200	2400
TID 71 AP	186	200	209	1800 2000 2200
TD 71 AW	190.0			2400
TD 71 G	200 (190)			2200
TD 73	230.0			
TD 73 KFE	235.0			2400
TD 73 KCE	258.0			2400
TD 73 KBE	293.0			2200
D 100 BP	115	134	144	1500 1800 2000
TD 100 A	270 (260)			2200
TD 100 AG	300.0			
TD 100 B	215	300	1800	2200
TD 100 G	245	276	2000	2200
TD 100 G PP	201	211	222 223	1500 1600 1800 2000
TID 100 KPP	228	245	249	1600 1800 2000
TD 101 G	275.0			2200
TD 101 GE	320.0			
TD 120	330.0			2200
TD 120 A	330.0			2200
TAD 120 BHC	347.0			
TD 120 HP	258	277	286	1600 1800 2000
TD 120 G	306	350	2000	2200
TD 120 G PP	221	252	267	1500 1800 2000
TID 120 F	344.0			
TID 120 F PP	294	326	340	1500 1800 2000
TD 121 C	350.0			
TD 121 F	385.0			2050
TD 121 G	284	314	2000	2200
		348		2200
TAD 121 CHC	321			
TID 121 KG	338			
TID 121 KGP	365			
TID 121 KP	310	330	343	1600 1800 2000
TID 121 KPB	293.0			

TID 121 LG	408.0			
TID 121 LGP	293.0			
TID 121 LP	374	386	401	1500 1600 1800
TID 121 LPB	293.0			
TD 122	289 (275)			2000
TD 122 F	360.0			
TD 122 FR	411.0			
TD 122 FS	400.0			
TD 122 KAE	328.0			2100
TD 122 KFE	404 (383)			2100
TD 123 ES	420.0			
TID 162 AG/AP	293.0			
TID 163 ES	338.0			
TD 164 KAE	505.0			1800
TD 420 VE	102.0			2500
TAD 420 VE	140.0			2500

TD 520 GE	116	121	1500	1800
TD 520 VE		109		1800
TAD 520 GE	139	150	1500	1800
TAD 520 VE	160.0		2300	

TAD 620 VE	211.0		2500	
TD 640 VE	175.0		2400	
TD 650 VE	200.0		2300	
TD 660 VE	200.0		2300	

TD 720 GE	174	182	1500	1800
TD 720 VE	166		1800	
TAD 720 GE	208	222	1500	1800
TAD 720 VE	237		2300	
TAD 721 GE	249	277	1500	1800
TAD 721 VE	265		2300	
TAD 722 GE	273	306	1500	1800
TAD 722 VE	272.0		2300	
TD 730 VE	204.0		2400	
TAD 730 V	286.0		2200	

TAD 750 VE	231.0		2300	
TAD 760 VE	246.0		2300	
TAD 940 VE	258.0		2100	
TAD 941 VE	300.0		2100	
TAD 942 VE	340.0		2100	
TAD 943 VE	380.0		1900	
TAD 950 VE	272.0		1900	
TAD 951 VE	305.0		2100	
TAD 952 VE	343.0		1900	
TD 1010 G	248	276	1500	1800
TD 1030 VE	258		2200	
TAD 1030 V	326		2000	
TD 1210 G	375 (340)	355 (325)	1500	1800
TAD 1230 V	476.0		1800	
TAD 1250 VE	352.0		1600	
TAD 1251 VE	393.0		1800	
TAD 1252 VE	426.0		1800	
TAD 1340 VE	348.0		2100	
TAD 1341 VE	374.0		2100	
TAD 1342 VE	422.0		2100	
TAD 1343 VE	452.0		2100	
TAD 1344 VE	479.0		2100	
TAD 1345 VE	536.0		2100	
TAD 1360 VE	348.0		1900	
TAD 1361 VE	388.0		1900	
TAD 1362 VE	428.0		1900	
TAD 1363 VE	469.0		1900	
TAD 1364 VE	510.0		1900	
TAD 1365 VE	551.0		1900	
TAD 1630 V	565.0		1800	
TAD 1641 VE	571.0		1800	
TAD 1642 VE	672.0		1800	
TAD 1643 VE	768.0		1900	
TAD 1650 VE	540.0		1800	

WAHOO	psHP	RPM
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WG 90	2.6	4000
WG 160	5.5	3600
WG 200	6.7	3600
WG 240	8.0	3600
WG 270	9.0	3600
WG 340	11.0	3600
WG 390	13.0	3600
WG 405	14.0	3600

WH 170 F	3.8	4.2	3000	3600
WH 178 F	5.5	6.0	3000	3600
WH 186 F	9.0	10.0	3000	3600

WEBER	PSHP	RPM
MPE 750	143.0	7500

Weichai	HP	RPM
WD10C190-15	190.0	1500
WD10C218-15	218.0	1500
WD10C240-15	240.0	1500
WD10C258-15	258.0	1500
WD10C278-15	278.0	1500
WD10C190-18	190.0	1800
WD10C240-18	240.0	1800
WD10C278-18	278.0	1800
WD10C312-18	312.0	1800
WD10C200-21	200.0	2100
WD10C278-21	278.0	2100
WD10C300-21	300.0	2100
WD10C326-21	326.0	2100
WD12C300-15	300.0	1500
WD12C327-15	327.0	1500
WD12C300-18	300.0	1800
WD12C327-18	327.0	1800
WD12C350-18	350.0	1800
WD12C375-21	375.0	2100
WD12C400-21	400.0	2100
WP2.1C27E1	27.0	2000
WP2.1C35E1	35.0	2000
WP3.9C53E1	53.0	2000
WP3.9C61E1	61.0	2400
WP4C82-15	82.0	1500
WP4C95-18	95.0	1800
WP4C102-21	102.0	2100
WP4C120-18	120.0	1800
WP6C122-15	122.0	1500
WP6C142-18	142.0	1800
WP6C156-21	156.0	2100
WP6C150-15	150.0	1500
WP6C165-18	165.0	1800
WP6C185-21	185.0	2100
WP6C140-23	140.0	2300
WP6C163-23	163.0	2300

WP6C198-23	198.0	2300
WP6C220-23	220.0	2300

WP12C350-15	350.0	1500
WP12C400-18	400.0	1800
WP12C450-21	450.0	2100
WP12C450-18	450.0	1800
WP13C500-18	500.0	1800

6M26.2	450	500	550	600	1800	1800	1900	1950
8M26.2		600	668	733		1800	1800	1900
12M26.2	900	1000	1100	1200	1800	1800	1900	1950

6160 A-1	120.5	750
6160 A-121	147.5	850
6160 A-12	166.2	750
6160 A-123	182.2	850
6160 A-125	197.0	850
6160 A-13	220.0	1000
6160 A-13G	246.5	1000
6160 A-17	270.5	1000

8170 ZC-600-1	600.0	1000
8170 ZC-720-2	720.0	1200
8170 ZC-818-3	818.0	1350
8170 ZCA	591.0	1000
8170 ZCA-1	710.2	1200
8170 ZCA-3	805.4	1350

CW 6200ZC-XC	612	734	816	950	1126	774	929	1032	1032	1032
* ps	673	808	898	1030	1239	774	929	1032	1032	1032
CW 8200ZC-XC	816	979	1088	1260	750	900	1000	1000		
* ps	898	1077	1167	1380	750	900	1000	1000		
CW 12V200ZC-XC	1224	1469	1632	750	900	1000				
* ps	1224	1605	1795	750	900	1000				

D 226B-3C1 (Mwm)	48.0	1800
TD 226B-3C (Mwm)	54.0	1500
TD 226B-3C 1 (Mwm)	68.0	1800
TD 226B-3C 2 (Mwm)	73.7	2100
TD 226B-3C 3 (Mwm)	80.4	2500
TD 226B-4C (Mwm)	80.4	1500
TD 226B-4C 1 (Mwm)	94.0	1800

TD 226B-4C 2 (Mwm)	100.5	2100
TD 226B-4C 3 (Mwm)	107.2	2500
TD 226B-6C (Mwm)	120.5	1500
TD 226B-6C 1 (Mwm)	140.7	1800
TD 226B-6C 2 (Mwm)	154.1	2100
TD 226B-6C 3 (Mwm)	160.8	2500
TBD 226B-6C (Mwm)	147.4	1500
TBD 226B-6C 1(Mwm)	160.8	1800
TBD 226B-6C 2(Mwm)	181.0	2100
TBD 226B-6C 3(Mwm)	201.0	2500

R6160ZC223-1	223.0	1000
R6160ZC250-1	250.0	1000
R6160ZC275-1	275.0	1000
R6160ZC300-1	300.0	1000
R6160ZC350-1	350.0	1000
R6160ZC380-1	380.0	1000
R6160ZC408-1	408.0	1000
R6160ZC450-1	450.0	1000
R6160ZC490-2	490.0	1200

WD 615 46C	308.2	2100
WD 615 61C	188.0	1800
WD 615 61C-2	197.0	2100
WD 615 61C-2A	162.0	2100
WD 615 61C-6	147.4	1800
WD 615 61C-10A	147.4	1800
WD 615 61C-15	147.4	1500
WD 615 67C	236.0	1800
WD 615 67C-15A	182.2	1500
WD 615 67C-20	241.2	2000
WD 615 68C	275.0	2100
WD 615 68C-2	254.6	1800
WD 615 68C-18	214.4	1800
WD 615 68C-19	257.3	1900
WD 615 C21	254.6	1500
WD 615 C22	236.0	1500
WD 615 C23	214.4	1500
WD 615 C24	188.0	1500

WD 618 C-1	368.5	2150
WD 618 C-2	321.5	2150
WD 618 C-3	281.5	2150
WD 618 C-4	241.2	2150
WD 618 C-11	346.0	1800
WD 618 C-12	321.6	1800
WD 618 C-13	281.5	1800
WD 618 C-14	281.5	1800
WD 618 C-15	201.0	1800
WD 618 C-17	295.0	1800
WD 618 C-21	321.5	1500
WD 618 C-22	295.0	1500
WD 618 C-23	281.5	1500
WD 12C240-18	236.0	1500

X 6160 ZC	295.0	1000
X 6160 ZC2	342.0	1000
X 6160 ZC5	295.0	1000
X 6160 ZC6	342.0	1000

X 6170 ZC 350	350.0	1000
X 6170 ZC 408-1	408.0	1000
X 6170 ZC 450-1	450.0	1000
X 6170 ZC 450-2	450.0	1200
X 6170 ZC 480-2	480.0	1200
X 6170 ZC 500-2	500.0	1200
X 6170 ZC 520-2	520.0	1200
X 6170 ZC 540-2	540.0	1200
X 6170 ZC 580-3	580.0	1350
X 6170 ZC-05	402.0	1000
X 6170 ZC-09	442.2	1000
X 6170 ZC-13	442.2	1200
X 6170 ZCA	442.2	1000
X 6170 ZC-1	512.0	1200
X 6170 ZC-3	571.0	1350
X 6170 Z – 22	611.0	1900

WESTERBEKE	bhpHP			RPM		
12 B	12.0			3600		
12 C	12.0	18.0		3000	3600	
12 D	12.0			3000		

20 B	18.0			3600		
21 A	22.0			3000		

30 B	27.0			3600		
30 C	25.0			3600		
35 B	32.0			3600		
35 D	31.0			3000		
35 E	28.0			3000		
38 B	37.0			3600		

42 B	42.0			3600		
44 B	44.0			3000		
44 C	38.0			3000		
46	34.0	42.0	46.0	2000	2500	3000
	30.0	37.0	42.0	2000	2500	3000
		47.5	64.0		3000	3800

W-52	35.0	53.0	66.0	2000	3000	4000		
	30.0	45.0	56.0	2000	3000	4000		
55 A	55.0			3600				
55 C	55.0			3000				
55 D	48.0			2600				
W-58	44.8	55.2	62.0	69.0	2000	2500	3000	3600
	38.0	46.9	52.8		2000	2500	3000	

63 B	63.0			3600		
63 C	63.0			3600		
65 A	68.0			2600		
65 B	66.0			2600		

W-70	57.5	69.0	73.0	78.0	2000	2500	3000	3800
	49.0	59.0	62.0		2000	2500	3000	
71 B	71.0			3600				
71 C	71.0			3600				

80 N 4	80.0			2500		
82 B	82.0			3600		

W-100	75.0	90.5	103		2000	2500	3000	
	63.8	77.0	87.6		2000	2500	3000	
108 B	108.0				3600			
108 C	108.0				3600			
110 T 4	110.0				2400			
120 N 6	120.0				2500			
120 T 4A	126.0				2400			
170 T 6	170.0				2500			
170 T 6A	173.0				2200			

W 26 G	21.0				3000			
W 41 G	41.0				3500			
W 70 G	70.0				4200			

WISCONSIN	Ps-HP				RPM			

AENL	4.7	5.4	6.1	6.8	1600	1800	2000	2200
AENL3	7.4	7.9	8.5	8.9	2400	2600	2800	3000
		9.2	9.2	9.2		3200	3400	3600

BKN	4.4	4.9	5.4	5.8	2000	2200	2400	2600
	6.2	6.5	6.7	6.9	2800	3000	3200	3400
				7.0				3600

V 465 D	41.6	47.5	52.4	56.7	1600	1800	2000	2200
	60.0	63.0	64.5	65.9	2400	2600	2800	3000

W2-1250	15.1	18.5	21.5	22.4	1800	2000	2200	2400
	23.0	23.6	24.2	24.8	2600	2800	3000	3200
			25.4	26.0			3400	3600

WE 130	1.4	1.5	1.7	2.0	1800	2000	2200	2400
	2.1	2.3	2.5	2.6	2600	2800	3000	3200
	2.8	3.0	3.2	3.3	3400	3600	3800	4000
WE 180	2.0	2.3	2.6	3.0	1800	2000	2200	2400
	3.2	3.5	3.8	4.0	2600	2800	3000	3200
	4.4	4.6	4.8	5.0	3400	3600	3800	4000
WE 270	3.5	4.0	4.4	4.9	1800	2000	2200	2400
	5.4	5.9	6.3	6.8	2600	2800	3000	3200
	7.2	7.5	7.8	8.0	3400	3600	3800	4000
WE 400	4.9	5.8	6.5	7.2	1800	2000	2200	2400
	8.1	8.8	9.2	9.6	2600	2800	3000	3200
	10.0	10.3	10.7	11.0	3400	3600	3800	4000

W1-080 (Wisconsin-Robin)	0.86	0.99	1.12	1.26	2000	2200	2400	2600
	1.38	1.50	1.60	1.71	2800	3000	3200	3400
				1.78				3600
W1-145 (Wisconsin-Robin)	1.50	1.70	1.90	2.20	1800	2000	2200	2400
	2.40	2.60	2.80	3.00	2600	2800	3000	3200
			3.20	3.40			3400	3600
W1-185 (Wisconsin-Robin)	2.30	2.60	2.90	3.20	1800	2000	2200	2400
	3.50	3.80	4.00	4.20	2600	2800	3000	3200
			4.40	4.60			3400	3600

W1-280 (Wisconsin-Robin)	3.50	4.00	4.40	4.90	1800	2000	2200	2400
	5.40	5.90	6.30	6.80	2600	2800	3000	3200
			7.20	7.50			3400	3600

W1-340 (Wisconsin-Robin)	4.30	5.00	5.60	6.20	1800	2000	2200	2400
	6.80	7.40	7.90	8.30	2600	2800	3000	3200
			8.70	9.00			3400	3600
W1-390 (Wisconsin-Robin)	5.10	6.00	6.80	7.50	1800	2000	2200	2400
	8.30	9.00	9.60	10.2	2600	2800	3000	3200
			10.6	11.0			3400	3600

WRD1-230 (Wisconsin-Robin)	4.80				3600			
WRD1-270 (Wisconsin-Robin)	5.50				3600			
WRD1-300 (Wisconsin-Robin)	3.3	3.8	4.3	4.7	1600	1800	2000	2200
	5.1	5.8	6.0	6.3	2400	2800	3000	3200
			6.4	6.5			3400	3600
WRD1-350 (Wisconsin-Robin)	3.7	4.3	4.8	5.3	1600	1800	2000	2200
	5.8	6.2	6.6	7.0	2400	2600	2800	3000
		7.2	7.4	7.5		3200	3400	3600
WRD1-410 (Wisconsin-Robin)	5.5	6.2	6.7	7.2	2000	2200	2400	2600
	7.6	7.9	8.2	8.4	2800	3000	3200	3400
				8.5				3600

WO1-115 (Wisconsin-Robin)	3.30				3600			
WO1-150 (Wisconsin-Robin)	4.80				3600			
WO1-210 (Wisconsin-Robin)	7.00				3600			
WO1-300 (Wisconsin-Robin)	9.00				3600			
WO1-340 (Wisconsin-Robin)	11.00				3600			
WO2-510 (Wisconsin-Robin)	16.00				3600			
WO2-560 (Wisconsin-Robin)	18.00				3600			

YAMAHA	HP		RPM	
ME 130 M	28.0	30.0	3100	3200
ME 130 TM	37.0	40.0	3100	3200
ME 200 HL	34.0		2500	
ME 200 M	42.0	45.0	3100	3200
ME 200 TH	62.0		3100	
ME 200 TM	62.0	67.0	3100	3200
ME 200 TIH	70.0		3000	
ME 200 TIM	70.0	75.0	3000	3100
ME 200 TIL	70.0	80.0	3000	3200
ME 202 TIH	90.0		3000	
ME 202 TIM	90.0	100.0	3000	3100
ME 202 TIL	90.0	110.0	3000	3200
ME 400 HL	75.0		2400	
ME 400 M	90.0	100.0	2900	3000
ME 380 TH	130.0		2900	
ME 380 TM	130.0	140.0	2900	3000
ME 650 HL	120.0		2100	
ME 650 H	140.0		2900	
ME 650 M	140.0	155.0	2900	3000
ME 420DTIP1	190.0	230.0	3500	3800
ME 580 TIHL	185.0		2300	
ME 580 TIH	210.0		2800	
ME 580 TIM	210.0	230.0	2800	2900
ME 580 TIL	210.0	255.0	2800	3000
ME 580 TIP2	210.0	265.0	2800	3000
ME 629 TIH	280.0		2800	
ME 629 TIM	280.0	300.0	2800	2900
ME 629 TIL	280.0	330.0	2800	3000
ME 629 TIP2	280.0	345.0	2800	3000
ME 859 TIH	380.0		2200	
ME 859 TIM	380.0	410.0	2200	2250
ME 859 TIL	380.0	445.0	2200	2300
ME 859 TIP2	380.0	455.0	2200	2300
ME 1250 TIH	500.0		2100	
ME 1250 TIM	500.0	540.0	2100	2150
ME 1250 TIL	500.0	580.0	2100	2200

YANG DONG	psHP			RPM		
Y 385	26.1	46.1		2400	3000	
Y 385 T	22.6			2200		
Y 485	35.4	43.5		2400	3000	
YD 485	36.7	45.0		2600	3200	
YND 485 Q	40.0	50.0		2600	3200	
Y 4100 Q	34.0	79.6	85.0	2200	3200	3400

YANMAR	psHP						RPM					
L 40 AE	3.4	3.8	3.8	4.2	3000	3000	3600	3600				
L 40 AE-D				4.0								3600
L 48 AE	3.8	4.2	4.2	4.7	3000	3000	3600	3600				
L 48 V	3.8	4.2	4.1	4.5	3450	3450	3600	3600				
L 60 AE	5.0	5.5	5.5	6.0	3000	3000	3600	3600				
L 70 AE	5.5	6.1	6.0	6.7	3000	3000	3600	3600				
L 70 V			5.9	6.5			3600	3600				
L 75 AE	6.0	6.6	6.5	7.5	3000	3000	3600	3600				
L 90 AE	7.0	8.0	8.0	9.0	3000	3000	3600	3600				
L 100 AE	7.7	8.8	9.0	10.0	3000	3000	3600	3600				
L 100 V	6.8	7.5	7.9	8.8	8.4	9.3	2500	2500	3200	3200	3600	3600

D 18 AY	18.0	4500
D 27 AY	27.0	4500
D 36 AY	36.0	4500
D 40 AY	36.0	4500

1 GM 10 C	8.0	9.1	3400	3600
2 GM 20 C	16.0	18.2	3400	3600
3 GM 30 C	24.1	27.3	3400	3600
2 GM FY	12.0	13.2	3200	3300
2 GM Y	12.0	13.2	3200	3300
3 GM FY	18.0	19.8	3200	3300
2 GM 20 F	16.0	18.2	3400	3600
3 GM 30 F	24.0	27.3	3400	3600

6 AYM – STE (WST)		659.0		1900
6 AYM – ETE (WET)	755.0	829.0	1840	1900
6 AYM – GTE		911.0		1938
6 AYM – WGT		911.0		1938
12 AYM – WET	1550.0	1659.0	1840	1900
12 AYM – WGT		1822.0		1940
12 AYM – WST	1200.0	1400.0	1850	1900

4 BY 150	114.0	150.0	3600	4000
4 BY 180	137.0	180.0	3600	4000
6 BY 220 Z	167.0	220.0	3600	4000

4 BY2 – 150		150.0		4000
4 BY2 – 180		180.0		4000
6 BY2 – 220		220.0		4000
6 BY2 – 260		260.0		4000

4 BY3 – 150 (180)	150.0	180.0	4000	4000
6 BY3 – 160		160.0		2800
6 BY3 – 220 (260)	220.0	260.0	4000	4000
6 BY3 – 260		260.0		4000

CY 1105	17.9		2200
CY 1115	22.0		2200

4 CH – E	70.0	75.0	83.0	2300	2400	2600
6 CH – E	105.0	115.0	130.0	2300	2400	2600
6 CH – HTE	155.0	170.0	190.0	2300	2400	2600
6 CH – HTE3	170.0		190.0	2550		2600
6 CH – DTE	190.0	210.0	230.0	2300	2400	2600
6 CH – DTE3	210.0		230.0	2550		2600
6 CH – WUTE	255.0		280.0	2550		2600

4 CHE 3	78.0	85.0	2550	2600
6 CHE 3	115.0	130.0	2550	2600

6 CX – BMGT	360.0	400.0	2400	2500
	464.0	509.0	2700	2700
6 CX – GTE	415.0	465.0	2750	2850
6 CX – GTE 2	440.0	500.0	2800	2900
6 CX – GTYE	360.0	400.0	2600	2700
6 CX – ETE-M	375.0	420.0	2600	2700
6 CX – ETYE	320.0	350.0	2600	2700
6 CX – 530		530.0		2900

E 75 – NB3	5.4	6.2	2500	2500
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6 EY 17 W	508.0	653.0	802.0	1350	1350	1350
		1018	1138		1350	1350

3 JH 25 A	25.0	27.5	3200	3300
3 JH 30 A	30.0	33.0	2900	3000
4 JH – E	40.0	44.0	3500	3600
4 JH – TE	50.0	55.0	3500	3600
4 JH –HTE	60.0	66.0	3500	3600
4 JH –DTE – DTBE	70.0	77.0	3500	3600
4 JH – YE	35.0	38.0	3400	3600
4 JH-TYE	45.0	49.0	3400	3600
4 JH-HTYE	55.0	60.0	3400	3600
4 JH-DTYE	64.0	70.0	3400	3600

4 JH 45	45.0		3000	
4 JH 57	57.0		3000	
4 JH 80	80.0		3200	
4 JH 110	110.0		3200	

3 JH2-E –BE	34.9	38.7	3400	3600
3 JH2-TE –TBE	43.0	47.6	3400	3600
4 JH2-E – BE	46.0	51.0	3400	3600
4 JH2-DTE – DTBE	80.0	88.0	3400	3600
4 JH2-HTE – HTBE	69.0	75.0	3400	3600
4 JH2-TE-TBE	57.0	62.0	3400	3600
4 JH2-UTE-UTBE	91.0	100.6	3400	3600

3 JH3 – E	36.0	40.0	3650	3800
4 JH3 – E	50.0	56.0	3650	3800
4 JH3 – TE-TBE-TCE-HTE	69.0	75.0	3700	3800
4 JH3- HTE-HTBE-HHTE	92.0	97.0	3700	3800
4 JH3- DTE	121.0	125.0	3800	3800
4 JH3- DHTE	116.0	121.3	3700	3800

3 JH4 – CE	36.3	40.0	2907	3000
4 JH4 – AE	48.9	53.8	2907	3000
4 JH4 – CE	50.0	55.0	2907	3000
4 JH4 – TE	68.3	75.1	3101	3200
4 JH4 – HTE	100.0	110.0	3101	3200

3 JH5 E		39.0		3000
4 JH5 E	48.3	53.1	2907	3000

4 JHL-K	20.0	22.0	1800	1800
4 JHLT-K	25.0	27.5	1800	1800
4 JHLHT-K	32.0	35.0	1800	1800

4 JM – TE	45.0	50.0	3400	3600
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6 GH – HTE3	270.0		2100	
6 GHA – STE	400.0	385.0	453.0	2250 2300 2350
6 GH – UTE	340.0	375.0	386.0	2250 2300 2350

6 HA – E	173.0		2000	
6 HA – DTE	314.0	364.0	2000	2100
6 HA – HTE	252.0	312.0	2000	2100
6 HA – ME3	186.0	227.0	2100	2170
6 HA – HTE3	278.0	330.0	2100	2170

6 HA – DTE3	330.0	380.0	2100	2170				
6 HAL2 – N	122.0	156.0	1200	1500				
6 HAL2- TN	163.0	204.0	244.0	1200	1500	1800		
6 HAL2- HTN	217.0	299.0	360.0	1200	1500	1800		
6 HAL2- DTN	271.0	346.0	414.0	1200	1500	1800		
6 HA2M – HTE (WHT)	278.0	350.0	1880	1950				
6 HA2M – DTE (WDT)		405.0		1950				
6 HYM - ETE (WET)	500.0	600.0	650.0	700.0	1950	2100	2150	2200
3 HM - F	27.0		3200					
3 HM 35 – F	30.0	34.0	3200	3400				
4 LH – DTE	154.0	170.0	3200	3300				
4 LH – TE	100.0	110.0	3200	3300				
4 LH – HTE	127.0	140.0	3200	3300				
4 LH – STE	190.0	230.0	3100	3300				
4 LHA – DTE	158.0	190.0	3100	3300				
4 LHA – DTP	158.0	200.0	3100	3300				
4 LHA – HTE	124.0	150.0	3100	3300				
4 LHA – HTP	124.0	160.0	3100	3300				
4 LHA – STE	190.0	230.0	3100	3300				
4 LHA – STP	190.0	230.0	240.0	3100	3300	3300		
6 LA – DTE	420.0	520.0	1800	1900				
6 LAH – STE	590.0	620.0	1850	1900				
6 LAH – STE3	640.0	680.0	1900	1950				
6 LP – DTE	210.0	250.0	3600	3800				
6 LP – STE	255.0	300.0	3600	3800				
6 LPA – DTP	210.0	260.0	3300	3600				
6 LPA – STP	255.0	315.0	3600	3800				
6 LPA – STP2 – STZP2	286.4	306.0	315.0	3682	3800	3800		
6 LPA – DTZP	210.0	260.0	3600	3800				
6 LPA – STZP	255.0	315.0	3600	3800				
6 LV – 400		400.0		3300				
6 LV – 440		440.0		3300				
8 LV – 320 (370)	320.0	370.0	3800	3800				
8 LV – 350		350.0		3800				
6 LY – UTE	260.0	315.0	3100	3300				
6 LY - STE	290.0	350.0	3100	3300				

6 LY2 – STE	350.0	420.0		3100	3300	
6 LY2-A STP	350.0	427.0	440.0	3100	3300	3300
6 LY2-A UTP		370.0			3300	

6 LY3 – ETP	436.0	480.0		3198	3300	
6 LY3 – STC		430.0			3300	
6 LY3 - STP	401.0	440.0		3198	3300	
6 LY3 – UTC		370.0			3300	
6 LY3 – UTP	345.0	380.0		3198	3300	

6 LYA – STP	290.0	359.0	370.0	3100	3300	3300
6 LYA – UTE	260.0		315.0	3100		3300
6 LYA – STE	290.0		350.0	3100		3300

6 LY2A- STP	350.0	440.0		3100	3300	
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6 KH – STE	475.0	536.0		2000	2100	
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6 LAA – UTE	550.0	600.0	625.0	1850	1900	1950
8 LAA – UTE	670.0	650.0	737.0	1850	1850	1900
12 LAA- UTE1	1035.0		1130.0	1850		1900

6 LAH – STE3	640.0	700.0		1900	1950	
12 LAK – STE2	1100.0	1210.0		1850	1910	
16 LAK – STE1	1500.0	1650.0		1900	1960	

6 NY 16-UT	450.0			1350		
6 NY 16-ST	550.0			1350		
6 NY 16A-UT	650.0			1600		
6 NY 16A-ST	760.0			1600		

6 RY 17P-EV	850.0			1500		
6 RY 17P-GV	1000.0			1500		

6 SY – STP	550.0	720.0		2100	2300	
6 SY – 650		655.0			2300	
8 SY – STP		900.0			2300	

2 TD	25.0	30.0		2100	2200	
3 TD	39.0	45.0		2100	2200	
4 TD	52.0	60.0		2100	2200	

TF 50	5.0	2400
TF 60	6.0	2400
TF 70	7.0	2400
TF 80	8.5	2400
TF 90	9.5	2400
TF 110	11.0	2400
TF 120	12.0	2400
TF 160	16.0	2400

3 TNE 66					16.2					3600
2 TNE 68	7.8	8.5	9.3	10.1	10.8	2000	2200	2400	2600	2800
		11.5	11.8	12.5	13.1		3000	3200	3400	3600
3 TNE 68	11.5	12.6	13.8	15.0	16.1	2000	2200	2400	2600	2800
		17.3	17.6	18.5	19.4		3000	3200	3400	3600
3 TNE 72					20.7					3600
3 TNE 74	14.8	16.2	17.7	19.2	20.8	2000	2200	2400	2600	2800
		22.3	22.3	22.9	23.7		3000	3200	3400	3600
3 TNE 78	16.0	17.7	19.6	21.3	23.1	1800	2000	2200	2400	2600
	24.8	26.7	27.5	29.0	31.1	2800	3000	3200	3400	3600
3 TNE 78A-E				24.8	26.5				2800	3000
3 TNE 82	18.8	20.8	22.7	24.7	26.7	1800	2000	2200	2400	2600
	28.6	31.1	32.7	34.3	36.1	2800	3000	3200	3400	3600
3 TNE 82 A	14.8	17.7	19.6	21.5	23.5	1500	1800	2000	2200	2400
			25.5	27.5	29.4			2600	2800	3000
3 TNE 82 A-E			25.5	27.3	29.3			2600	2800	3000
3 TNE 84	19.8	22.0	24.3	26.4	28.6	1800	2000	2200	2400	2600
	30.8	33.0	34.3	36.2	38.0	2800	3000	3200	3400	3600
3 TNE 84-E	26.4	27.5	28.5	30.8	33.0	2400	2500	2600	2800	3000
3 TNE 84 T	25.2	28.2	30.6	33.5	36.1	1800	2000	2200	2400	2600
	39.0	41.4	42.9	44.4	45.9	2800	3000	3200	3400	3600
3 TNE 84 T-E	28.0	30.6	33.5	34.7	35.9	2000	2200	2400	2500	2600
				38.9	41.4				2800	3000
3 TNE 88	18.1	21.9	24.1	26.7	29.0	1500	1800	2000	2200	2400
			31.5	33.8	36.3			2600	2800	3000
3 TNE 88-E	26.5	28.9	31.4	33.6	36.2	2200	2400	2600	2800	3000

4 TNE 82	25.2	27.6	30.3	32.9	35.5	1800	2000	2200	2400	2600
	38.2	40.9	43.4	45.9	48.3	2800	3000	3200	3400	3600
4 TNE 82-E					30.3					2200
4 TNE 84	26.1	29.4	32.3	35.3	38.2	1800	2000	2200	2400	2600
	41.2	44.1	45.5	48.0	51.2	2800	3000	3200	3400	3600
4 TNE 84-E	29.3	32.3	35.2	36.7	38.1	2000	2200	2400	2500	2600
				41.0	44.0				2800	3000
4 TNE 84 T	36.1	37.5	40.9	44.9	47.9	1800	2000	2200	2400	2600
	51.8	55.3	57.3	59.1	61.2	2800	3000	3200	3400	3600
4 TNE 84 T-E	37.4	40.9	44.8	46.2	47.7	2000	2200	2400	2500	2600

4 TNE 86-E					33.9					2200
4 TNE 88	24.1	29.0	32.3	35.5	38.6	1500	1800	2000	2200	2400
			42.0	45.2	48.3			2600	2800	3000
4 TNE 88-E	32.2	35.5	38.6	40.3	41.8	2000	2200	2400	2500	2600
					45.2					2800
4 TNE 94					57.7					2500
4 TNE 98				59.4	68.5				2300	2500
4 TN 106					90.8					2500
3 TN 100-E					58.8					3000
4 TN 100-E					78.4					3000
4 TN 100-TE					96.0					3000

3 TNM 74 F					23.9					3600
3 TNV 74 F					18.4					3000
3 TNV 80 F					23.9					3000
3 TNV 88 F					24.4					2400

2 TNV 70 – ASA	8.1	9.9	11.6	12.4	13.7	2000	2400	2800	3000	3600
3 TNV 70 – ASA	12.2	14.9	17.4	18.6	21.9	2000	2400	2800	3000	3600
3 TNV 76 – CSA	24.0	24.8	25.4	26.2	26.5	3100	3200	3300	3400	3600
3 TNV 82 A	14.9	17.9	19.9	25.8	29.8	1500	1800	2000	2600	3000
3 TNV 82 A – DSA					30.2					3000
3 TNV 82 A-66E					33.2					3000
3 TNV 84	16.8	20.1	22.3	29.0	33.5	1500	1800	2000	2600	3000
3 TNV 84 T	34.0	35.2	36.5	39.5	42.0	2400	2500	2600	2800	3000
3 TNV 84 T – KSA					38.9					2800
3 TNV 88	18.4	22.1	24.5	31.9	36.8	1500	1800	2000	2600	3000
3 TNV 88 – DSA					35.9					3000
4 TNV 84	22.3	26.5	29.8	38.7	44.7	1500	1800	2000	2600	3000
4 TNV 84 T	29.0	36.5	38.0	48.5	56.0	1500	1800	2000	2600	3000
4 TNV 84 T – DSA					55.2					3000
4 TNV 88 – DSA					47.5					3000
4 TNV 94	24.5	29.4	32.7	42.5	48.1	1500	1800	2000	2600	3000
4 TNV 94 L	39.5	47.0	48.0	52.0	58.5	1500	1800	2000	2200	2500
4 TNV 98	47.0	56.0	57.0	62.0	69.5	1500	1800	2000	2200	2500
4 TNV 98 T	57.0	68.5	69.0	82.0	87.0	1500	1800	2000	2400	2600
4 TNV 98 – NSA					67.7					2500
4 TNV 98 T – NSA					83.5					2500
4 TNV 106	62.0	74.0	77.0	83.5	92.0	1500	1800	2000	2200	2500
4 TNV 106 T		77.2	92.5	95.0	97.9		1500	1800	2000	2200

TS 190	19.0					2200				
TS 230	23.0					2200				

2 QM 15	14.0	15.0	3000	3000
2 QM 20	20.0	22.0	2600	2800
2 QM 20 H		22.0		2800

2 V 78	20.0		3600	
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2 YM 15	12.8	13.6	3489	3600
3 YM 20	20.0	20.8	3489	3600
3 YM 30	27.3	29.1	3489	3600

YSM 8 (- G)	7.0	8.0	3200	3200
YSM 12 (- G)	10.0	12.0	3000	3000

Kendi Şanzımanı							
SD 50	2.32					: 1	
KBW 10-E	2.14	2.45	2.83		: 1		
KBW 10-B	2.14		2.83		: 1		
KBW 20-1	2.17	2.62	3.28		: 1		
KBW 21	2.17		2.62		: 1		
KM 2 A	2.21	2.62	3.22		: 1		
KM 2 C/2P	2.21	2.62	3.22		: 1		
KM 3 A	2.33	2.64	3.21		: 1		
KM 4 A	1.47	2.14	2.63	3.30		: 1	
KMH 4 A		2.04	2.45				: 1
KMH 5 A	1.46	2.07	2.57				: 1
KMH 6 A	1.58	1.92	2.26				: 1
KM 2 p1	2.21		2.62	3.22		: 1	
KM 3 P1		2.36					
KM 3 P3		2.36					
KM 35 P1		2.36				: 1	
KMH 40A	1.24	1.53	2.04	2.45	2.62	: 1	
KMH 50A	1.67		2.13	2.43		: 1	
KP 2P-1	2.21	2.62	3.22		: 1		
KB WIOD	2.14	2.63	2.83		: 1		
KB WIOE	2.14		2.83		: 1		
SP – 20		2.64				: 1	
SD – 20		2.64				: 1	
SD – 31		2.31				: 1	
YX - 20	2.03	2.55	2.96	3.48		: 1	
YX - 30	2.03	2.55	2.96	3.48		: 1	
YX – 51	2.06	2.50	2.96	3.45		: 1	
YX – 70 S	1.52	1.96	2.50				: 1
YX – 71/1	2.07	2.58	2.91	3.53		: 1	
YX – 71/4	2.07	2.58	2.91	3.53		: 1	
YX – 90 (120L)	2.06	2.52	2.96	3,52			
			4.00	4.59		: 1	
YX – 120	2.03	2.57	3.04	3.55			
			4.00	4.59		: 1	
YX – 151 (150L)	1.72	2.08	2.55	3.03			
		3.55	4.03	4.59		: 1	
YX – 180	2.08	2.55	3.03	3.50		: 1	
YX – 180 L			4.00	4.54		: 1	
YXH – 120	2.03	2.57	3.04	3.46	4.00	4.59	: 1
YXH – 130	2.03		2.57		3.04		: 1
YXH – 160	1.97	2.46	3.05	3.65	4.08	4.55	: 1
YXH – 161 L	1.97	2.46	3.05	3.65	4.08	4.55	: 1

YXH – 180 L	2.08	2.55	3.03	3.50	4.00	4.54	: 1
YXH – 181	2.08	2.55	3.03	3.50	4.00	4.54	: 1
YXH – 240	1.95	2.27	2.56	3.03	3.48	: 1	
YXH – 240 L	4.89	5.36	5.91	6.57	6.95	: 1	

YUCHAI	psHP	RPM
YC4D75 C	75.0	1800
YC4108 C	54.0	1500
YC4108 CA	43.5	1500
YC4108 ZC	68.0	1500
YC4F 90L-C20	63.0	2800
YC4F100-C20	73.0	2950
YC4F115C-31	85.0	3100
YC6B100-C20	100.0	1800
YC6105CA	72.0	1500
YC6105CA1	90.0	2000
YC6108 CA	86.0	1500
YC6108ZCA	140.0	2300
YC6108ZCA1	112.0	2000
YC6108ZC	109.0	1500
YC6108ZLCB	152.0	1500
YC6A170C	170.0	1500
YC6A190C	190.0	1800
YC6A195C	197.0	2300
YC6A220C	220.0	2300
YC6A250-C20	250.0	2200
YC6A260-C20	260.0	2300
YC6A280-C20	280.0	2500
YC6B 150C	150.0	1800
YC6B 165C	165.0	2300
YC6B 165L-C20	165.0	1800
YC6C 480L-C20	480.0	1000
YC6C 530L-C20	530.0	1000
YC6C 620L-C20	620.0	1200
YC6C 650L-C20	650.0	1000
YC6C 670L-C20	620.0	1200
YC6C 700L-C20	700.0	1000
YC6C 730L-C20	730.0	1200
YC6C 820L-C20	820.0	1200
YC6C 865L-C20	865.0	1350

YC6C 925L-C20	925.0	1350
YC6CC 960L-C20	960.0	1350
YC6CL 1035L-C20	1035.0	1000
YC6CL 1200L-C20	1200.0	1000
YC6M J 365L-C20	365.0	1500
YC6M J 410L-C20	410.0	1800
YC6M J 450L-C20	450.0	2100
YC6M 220C	220.0	1800
YC6M 240-C20	240.0	1800
YC6M 240C	240.0	1500
YC6M 260C	260.0	1500
YC6M 270C	270.0	1800
YC6M K 280C	280.0	1500
YC6M 280C	280.0	2100
YC6M 295C	295.0	1800
YC6M K 300C	300.0	1500
YC6M K 320C	320.0	1800
YC6M 320C	320.0	2100
YC6M K 330C	330.0	1500
YC6T 300C	300.0	1200
YC6T 330C	330.0	1500
YC6T 350C	350.0	1200
YC6T 375C	375.0	1500
YC6T 380C	380.0	1200
YC6T 390C	390.0	1800
YC6T 400C	400.0	1500
YC6T 410C	410.0	1500
YC6T 420C	420.0	1800
YC6T 450C	450.0	1500
YC6T 480C	480.0	1800
YC6T 490C	490.0	1500
YC6T 510C	510.0	1800
YC6T 540C	540.0	1800

Kendi Şanzımanı						
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J 600	2.18	2.48	3.00	3.58	3.89	: 1
JD 600	4.18	4.43	4.70	5.00	5.44	
				5.71	6.05	: 1
J 900 A	1.96	2.52	3.05	3.50	4.06	: 1
JD 900 A	3.96	4.45	5.06	5.41	5.75	
					5.94	: 1

YÜZER	psHP	RPM
		Tr

QC 380 Q	(Quanchai)	27.0	3000
QC 480 Q	(Quanchai)	37.0	3000
QC 485 QA	(Quanchai)	47.0	3000
QC 490 Q	(Quanchai)	57.0	3000

4 BD 1	(Isuzu)	93.0	3200
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ZETOR	HP	RPM
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Z 1001	96.0	2200
Z 1005 / 1006	96.0	2200
Z 1105	77.0	2200
Z 1201	80.0	2200
Z 1205	88.0	2200
Z 1305 / 1306	107.0	2200
Z 1405 / 1406	117.0	2200
Z 1506	126.0	2200
Z 1606	136.0	2200

Z 5201	45.0	2200
Z 5201 T	54.0	2200
Z 5801	50.0	2200
Z 6201	57.0	2200
Z 6801	66.5	2200
Z 7201	62.3	2200
Z 7205	65.0	2200
Z 7701	67.7	2200
Z 7701 T	77.2	2200
Z 7801	69.0	2200