

Modelo Model	Filtros (Filters)										
	Ano Year	Ar Primário Ar Primary	Ar Secundário Ar Secondary	Óleo Oil	Diesel Primário Diesel Primary	Diesel Secundário Diesel Secondary	Hidráulico Hydraulic	Água Water	Direção Steering	Transm. Transm.	Outros Others

Agco

MF 272	91-95				C1191						
MF 3640 motor 6BTA	90-02			PH977B	C1191	C1191					
MS34		CA10030									
MS38		CA10031									

Agrale

4100	01->			PH9A	C11860Z	C11860ZP					
4118	04->			PH9A							
4230 M-790	96->	CA10028									
5085 motor D229-4	02->			PH2842							
BX 4130 motor D229-6	90-00	CA3291		PH2883	C11860ZP						
BX 4150 motor D229-6	92-99			PH2801B							
BX 60	92-96			PH2801B							
BX 60	92/96	CA3105									
BX 6150 motor TD229ECA	99->			PH2801B							
BX 90 D 229-4	90/98	CA3291									
BX100/130 D229-4	90/95	CA3291	CA3291SY								
M93 4100	01/99->	CA10028									
M93 4100.4	01/99->	CA10028									
MD190 4120	01/00->	CA10028									

Atlascopco

COMPRESSOR ESTACIONARIO - GA 107/ 110/ STD				PH2801B PH9A							
COMPRESSOR ESTACIONARIO - GAR 30 A			CA4260								
COMPRESSOR PORTATIL - XA 40 - AGRALE M 790				PH9A							
COMPRESSORES: 46DD / 56DA/DD motor Deutz F2M1011	97->	CA9745									
COMPRESSORES: BT 3/ 4/ 5/ 6/ BT 614/ DT 2.4				PH9A							
GA 1407, 1408, 1409, 1410 - SERVIÇO PESADO - SIST. DUPLO (X2)		CA270	CA4685SY	PH2801B							

GA 1407, 1408, 1409, 1410 - TODAS STD OU PACK		CA270		PH2801B						
GA 207, 208, 209, 210, 307, 308, 309, 310, 407, 408, 409, 410 - TODAS STD OU PACK				PH2801B PH9A						
GA 507, 508, 509, 510, 607, 608, 609, 610, 707, 708, 709, 710 - TODAS STD OU PACK				PH2801B PH9A						
GA 807, 808, 810, 1107, 1108, 1110, 1207, 1208, 1209, 1210 - SERVIÇO PESADO - SIST. DUPLO (X2)		CA4685	CA4685SY	PH2801B						
GA 807, 808, 810, 1107, 1108, 1110, 1207, 1208, 1209, 1210 - TODAS STD OU PACK		CA270		PH2801B						
P 425 - VOLVO PENTA 100 A		CA4685	CA4685SY	PH4934	C118601Z					
PR 365/ 600 - DETROIT 6.71				CH33APL						
PR 700 TO - VOLVO PENTA 100 A		CA3280	CA3295SY	PH2801B	C11861ZP					
PT 900/ 1.200 - CAT 343					P8264		PH2801B			
ST 35/48 - DEUTZ 4 CIL.		CA3291	CA3291SY	PH2842	P4102	P4102	PH9A			
ST 71 - DEUTZ 6 CIL.		CA4685	CA4685SY	PH2801B	P4102	P4102				PH9A
ST 95 - DEUTZ 6 CIL.		CA3280	CA3280SY	PH49A	P4102	P4102	PH9A			
VT 2 / 3 - FORD 4 CIL.		CA660PL		PH9A						
VT 3 / 4 - DEUTZ 4 CIL.	77->			PH2842	P4102		PH9A			
VT 3 / 4 - DEUTZ 4 CIL.	72->			PH2842	C11861ZP		PH9A			
VT 3 / 4 - DEUTZ 4 CIL.	->71				C11861ZP		PH9A			
VT 3 / 4 / 5 - FORD 6 CIL.		CA2650		PH9A			PH9A			
VT 5 / 6 - DEUTZ 6 CIL.	->76			PH2801B	C11861ZP		PH9A			
VT 5 / 6 - DEUTZ 6 CIL.	77->			PH2801B	P4102		PH9A			
XA / XAS 120 - PERKINS 4248		CA4685	CA4685SY		C1191		PH2801B			
XA 350 / XAH 315 / XAH 350 - SCANIA DS 11		CA4685	CA4685SY	PH9A			PH2801B			
XA 60 / XA 80 - PERKINS 4203 / 4236	75->				C1191		PH2801B			
XA 60 / XA 80 - PERKINS 4203 / 4236	->74				C1191		PH2801B			
XAH 120 / XA 160 - PERKINS 6354	->75	CA3280	CA3280SY	CH834PL	C1191		PH2801B			
XAH 120 / XA 160 - PERKINS 6354	76->	CA3280	CA3280SY	PH9A	C1191		PH2801B			

GR.GER.P/ SOLDA TN5B156 e SOLDA/ ENERGIA 12KVA MOD.USINEIRO - PERKINS 4203				CH813PL	C1191						
GRUPO GERADOR CONTINENTAL - 3 CIL.		CA4260									

Bantan

ESCAVADEIRAS: C166 / T166 / T644 / T725 / T744 - DETROIT 3.53 / 4.53 IMPORTADO				CH33APL							
ESCAVADEIRAS: S 628 - MBB - OM 352				CH2927	C11860ZP						
ESCAVADEIRAS: T450 / S155 / C266 / C450 - DETROIT 4.53 / 4.71 IMPORTADO				CH33APL							
GUINDASTES: 300 / 304 / 306 - DETROIT 3.53 / 4.53 IMPORTADO				CH33APL							
GUINDASTES: 414 / 416/ 424/ 426/ 444/ 450/C/ CR/ T350/T488 - DETROIT 3.53 / 4.53 IMPORTADO				CH33APL							
GUINDASTES: S588/626/ 628 - DETROIT 4.53 IMPORTADO				CH33APL							
S 628 - DETROIT 4.53 NACIONAL	77-79			CH33APL							

Barbergreene

ACABADORAS DE ASFALTO: SA 140 / SB 150 - CAT 3208				PH36	P8264						
ACABADORAS DE ASFALTO: SA 140 / SB 150 - DETROIT 4.53 NACIONAL				CH33APL							
ACABADORAS DE ASFALTO: SA 35 / SA 41 - DETROIT 13.53				CH33APL							
ACABADORAS DE ASFALTO: SA 37 S - PERKINS 4236				PH2821C	C1191						
ACABADORAS DE ASFALTO: SA 41 - MBB OM 314	83->	CA3105	CA3105SY	CH4829	C11860ZP						
ACABADORAS DE ASFALTO: SA 41 - MBB OM 314	->82	CA3105	CA3105SY		C11860ZP						

Bobcat

970 (Micro carregadora) motor perkins				PH8A							
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Case

2470 - Case 504 BDT - Serie 1025257							C1664PL				
2470 - Case 504 BDT - Serie 1025258							P3961				
2470 - Scania D11	78->				P4102		C1664PL		CH33BPL		
2470 - Scania D11 (lavoura canavieira)	78->	CA4215	CA5483SY		P4102		C1664PL		CH33BPL		
2500 - Detroit 4.53N	77-79				CH33APL		C1664PL				
4490 - 2ª SERIE SCANIA D 11	86->				P4102						
AF 2388 motor 6CTA	98->				PH2801B	P3401					
CA 1170 - MWM D225/6 - 229/6	80	CA4202	CA4202SY		PH2801B	C11860ZP		C1191			
CA 1175 - MWM D225/6 - 229/6	80	CA4202	CA4202SY		PH2801B	C11860ZP		C1191			
CA 1175 DS - MWM TD 229/6		CA4685	CA4685SY		PH2883	C11860ZP					
CA 1175 DS - PERKINS 6.354 T		CA4685	CA4685SY		PH977B	C1191					
CA 875 / CA 1140 - MWM D226/4	79	CA4202	CA4202SY		PH2842	C11860ZP		C1191			
CASE 7700 - CUMMINS E SCANIA		CA502									
COLHEITADEIRA 7000											CF9854
COLHEITADEIRA 7700											CF9854
COLHEITADEIRAS: 600 / 660 - CASE IMPORTADO		CAK258			PH8A						
COLHEITADEIRAS: 600 / 660 - CASE IMPORTADO											
COLHEITADEIRAS: 660 - MWM D225/3		CAK258			CH962PL	C11861Z					
COLHEITADEIRAS: 660 - MWM D225/6					PH2801B	C11860ZP					
Ideal 130 M - MBB OM 352		CA3291	CA3291SY		CH2927	C11860ZP		C1664PL			
Magnum 8920 - 6CTA	->98					P3401		P4102			
Magnum 8940 - 6CTA	->98					P3401		P4102			
MXM 135 motor 6BTAA	99-05				PH3976	P4587					
MXM 180	04->				PH4934						
MXMG 220 - 6BTAA	02-05					P3401		P4102			
MXMG 240	->02					P3401		P4102			
MXMG 270	->02					P3401		P4102			
Retro Escavadeira: 1000 - Cummins KT 1150					CH211A C175A				PR3304		
RETRO ESCAVADEIRA: 150 - DETROIT 6 V 71		CA3280	CA3280SY			P4102					
RETRO ESCAVADEIRA: 150 - SCANIA D 11		CA3280	CA3280SY			P4102					
Retro Escavadeira: 300 - Case 336 B		CAK258			PH8A						
RETRO ESCAVADEIRA: 300 - CUMMINS NT 855 C 380		CA502	CA502SY		CH211A C175A						

W 36 - SCANIA D11 SERIE 6960196				P4102						
W 9A / W 10 / W 10B - CASE 377/ 401										
W10 - Case Serie 8229367								C1700		
W36 - SCANIA D11 SERIE 6960197				P4102						
W7 / W7E - Case 284								C1700		
W7 / W7E - Case 301D								C1700		
W7E - Perkins 6.357	CAK258		CH834PL	C1191				C1700		

Caterpillar

112 SERIE 46D / 82F	CA224		CH191APL							
112 SERIE 68E / 91G			CH191APL							
112 SERIE 89J	CA224			P1104						
112 SERIE 89J11688	CA224		CH191APL							
112 SERIE 89J11689 E SEGS.	CA224		PH49A							
12 SERIE 13K	CA226			P1104						
12 SERIE 13K4568 E SEGS.	CA226		PH49A	P1104						
12 SERIE 61M	CA224		PH49A	P1104					CH155APL	
12 SERIE 73G	CA226		CH191APL			C1655PL				
12 SERIE 89H	CA226			P1104					CH155APL	
12 SERIE 89H11224 / 13K14567	CA226		CH191APL	P1104						
12 SERIE 89H1225 E SEGS.	CA226		PH49A	P1104					CH155APL	
12 SERIE 99E	CA224		CH191APL							
120 SERIE 10R / 22R	CA226			P1104						
120 SERIE 10R12143 / 22R1941 / 13U1681	CA226		CH191APL	P1104				C1655PL		
120 SERIE 10R2144 E SEGS.	CA226		PH49A	P1104		C1655PL				
120 SERIE 13U	CA226			P1104				C1655PL	CH155APL	
120 SERIE 13U682 E SEGS.	CA226		PH49A	P1104				C1655PL	CH155APL	
120 SERIE 14K	CA226		CH191APL	P1104		C1655PL				
120 SERIE 22R942 E SEGS.	CA226		PH49A	P1104		C1655PL				
120 SERIE 64U	CA226		CH191APL	P1104		C1655PL				
120 SERIE 82V / 87V	CA224		PH49A	P1104					CH155APL	
120G	CA224		PH49A	P1104						
130 SERIE 74V	CA224		PH49A	P1104						
14 SERIE 12K	CA226			P1104						
14 SERIE 12K1836 E SEGS.	CA226		PH49A	P1104						
14 SERIE 72G	CA226			P1104					CH155APL	
14 SERIE 72G1030 E SEGS.	CA226		PH49A	P1104					CH155APL	
14 SERIE 72G11029 / 12K11835	CA226		CH191APL	P1104						

14 SERIE 96U		CA226		PH49A	P1104					CH155APL
14 SERIE 99G				CH191APL				C1655PL		
140 SERIE 11R		CA226			P1104			C1655PL		
140 SERIE 11R1651 / 11R652 E SEGS.				PH49A	P1104					
140 SERIE 14U		CA226		PH49A	P1104				C1655PL	CH155APL
140 SERIE 24R / 61S		CA226		PH49A	P1104			C1655PL		
140 SERIE 72V / 81V		CA226		PH49A	P1104					CH155APL
16 SERIE 49G		CA226		CH191APL	P1104					CH155APL
16 SERIE 93U		CA598	CA598SY	PH3335						CH155APL
1674 SERIE 94B				CH191APL	P1104					
317 c/ motor AKR1		CA5741								
317 c/ motor AKR1		CA5741								
3304 SERIE 2B4364 E SEGS. / 4B6032 E SEGS.				PH49A	P1104					
3304 SERIE 5B				PH49A	P1104					
3306 SERIE 66D8891 E SEGS. / 23C740 E SEGS.				PH49A	P1104					
3306 SERIE 67D				PH49A	P1104					
3306 SERIE 76R273				PH49A	P1104					
3406 SERIE 70V				PH3335						
3406 SERIE 90U / 3408 SERIE 67U / 3412 SERIE 38S				PH3335						P3555PL
3406 SERIE 91U				PH3335						
3406 SERIE 92U / 3408 SERIE 28V				PH3335 P3555PL						P3555PL
3412 SERIE 60M				PH3335						
416B (Retro Escavadeira)				PH8A						
518 SERIE 50S		CA224		CH191APL	P1104			CH191APL		CH155APL
518 SERIE 50S1205		CA224		CH191APL	P1104					CH155APL
518 SERIE 50S206 E SEGS.		CA224		PH49A	P1104					CH155APL
518 SERIE 55U / 94U		CA224			P1104					CH155APL
528 SERIE 51S		CA226		PH49A	P1104					CH155APL
561 SERIE 54X		CA226		PH49A	P1104					CH155APL
561 SERIE 62A		CA224		CH191APL						CH155APL
561 SERIE 85H		CA226		CH191APL						CH155APL
561 SERIE 92J		CA226		PH49A	P1104					CH155APL
561 SERIE 92J1362		CA226		CH191APL	P1104					CH155APL
571 SERIE 16W		CA226		PH49A	P1104					
571 SERIE 95N		CA226		PH49A	P1104					
572 SERIE 40U		CA226		PH49A	P1104					
572 SERIE 65A										CH155APL
572 SERIE 65A1175										CH155APL
572 SERIE 65A176 E SEGS.										CH155APL
572 SERIE 96N		CA226		PH49A	P1104					
583 SERIE 21A				CH191APL						

583 SERIE 61A				CH191APL						
583 SERIE 78V		CA598	CA598SY	PH3335	P1104					
594 SERIE 62H										
594 SERIE 96V				PH3335	P1104					
613 SERIE 38W		CA226			P1104		C1660			CH155APL
613 SERIE 71M / 71M11377		CA226					C1660			CH155APL
619 SERIE 61F / 62F		CA226					C1660			
621 SERIE 15U		CA598	CA598SY	PH49A			C1660			CH155APL
621 SERIE 23H				CH191APL			C1660			CH155APL
621 SERIE 35V		CA598	CA598SY	PH49A						CH155APL
621 SERIE 45P		CA598	CA598SY	PH3335						CH155APL
623 SERIE 46P		CA598	CA598SY	PH3335						CH155APL
623 SERIE 52U				CH191APL						CH155APL
627 SERIE SCRAPERS 54K / 68M1878					P1104		C1660			
627 SERIE TRATOR 54K / 68M1878		CA226			P1104		C1660			CH155APL
627 SERIE TRATOR 54K1736 / 68M1650 / 54K737 E SEGS.				CH191APL	P1104					
627 SERIE TRATOR 54K1888 / 54K1451 E SEGS. / 68M1551 E SEGS.					P1104					CH155APL
627 SERIE TRATOR 54K889- 1450 / 68M879- 1550					P1104					
627 SERIE TRATOR 68M651 E SEGS.				PH49A	P1104					
627 SERIE TRATOR 68M879 E SEGS.		CA598	CA598SY		P1104					
630 SERIE 14G							C1660			
631 SERIE 13G							C1660			
631 SERIE 24W				PH3335						CH155APL
631 SERIE 67M					P1104		C1660			CH155APL
632 SERIE 14G							C1660			
633 SERIE 25W										CH155APL
633 SERIE 44J					P1104		C1660			
633 SERIE 66M					P1104					
633 SERIE 66M1781							C1660			
633 SERIE 66M782 E SEGS.										CH155APL
637 SERIE SCRAPERS 91N / 64M					P1104					CH155APL
637 SERIE SCRAPERS 91N1373 / 64M11304				CH191APL	P1104					CH155APL
637 SERIE SCRAPERS 92N / 91N374 E SEGS./ 64M1305 E SEGS.				PH49A	P1104					CH155APL

637 SERIE TRATOR 26W / 27W				PH3335						CH155APL
637 SERIE TRATOR 65M / 79P					P1104			C1660		CH155APL
641 SERIE TRATOR 64F / 41M								C1660		
641 SERIE TRATOR 65K					P1104			C1660		CH155APL
641 SERIE TRATOR 65K1900				CH191APL	P1104			C1660		CH155APL
641 SERIE TRATOR 65K901 E SEGS.				PH3335	P1104			C1660		CH155APL
650 SERIE 58K - OBS: LUBRIFICANTE (CONFORME SERIE)					P1104			C1660		CH155APL
650 SERIE 58K1354				CH191APL	P1104			C1660		CH155APL
650 SERIE 58K355 E SEGS.				PH3335	P1104			C1660		CH155APL
650 SERIE 63F / 77F								C1660		
651 SERIE 33G / 44M								C1660		
651 SERIE 67K - OBS: LUBRIFICANTE (CONFORME SERIE)					P1104			C1660		CH155APL
651 SERIE 67K1508					P1104			C1660		CH155APL
651 SERIE 67K509 E SEGS.				PH3335	P1104			C1660		CH155APL
657 SERIE SCRAPERS 19G								C1660		
657 SERIE TRATOR 31G / 46M								C1660		
657 SERIE TRATOR 68K - OBS: LUBRIFICANTE (CONFORME SERIE)					P1104			C1660		CH155APL
657 SERIE TRATOR 68K1826 / 68K829				CH191APL	P1104			C1660		CH155APL
657 SERIE TRATOR 68K827 e segs. / (EXC. 68K829)				PH3335	P1104			C1660		CH155APL
660 SERIE TRATOR 58K - OBS: LUBRIFICANTE (CONFORME SERIE)					P1104			C1660		CH155APL
660 SERIE TRATOR 58K1354				CH191APL	P1104			C1660		CH155APL
660 SERIE TRATOR 58K355 E SEGS.				PH3335	P1104			C1660		CH155APL
660 SERIE TRATOR 77F / 90F								C1660		
666 SERIE TRATOR 66K - OBS: LUBRIFICANTE (CONFORME SERIE)					P1104			C1660		CH155APL
666 SERIE TRATOR 66K1226				CH191APL	P1104			C1660		CH155APL

666 SERIE TRATOR 66K227 E SEGS.				PH3335	P1104			C1660			CH155APL
666 SERIE TRATOR 77F/ 32G / 64H								C1660			
769 SERIE 1X (FORA DE ESTRADA)				PH3335				C1660			CH155APL
769 SERIE 99F (FORA DE ESTRADA)								C1660			
769 SERIE 99F1230 E SEGS./ (EXCETO 99F1231/99F1238)					P1104			C1660			
769 SERIE 99H11229 / 99F1231/ 99F1238								C1660			
773 SERIE 63G (FORA DE ESTRADA)					P1104			C1660			
773 SERIE 63G1252				CH191APL	P1104			C1660			
773 SERIE 63G253-858					P1104			C1660			
773 SERIE 63G859 E SEGS.				PH3335	P1104			C1660			
777 SERIE 84A		CA598	CA598SY	CH191APL				C1660			
814 SERIE COMPACTADORES 90P1156				CH191APL	P1104			C1660			CH155APL
814 SERIE COMPACTADORES 91P157 E SEGS.		CA226		PH49A	P1104			C1660			CH155APL
815 SERIE COMPACTADORES 91P244 E SEGS.		CA226			P1104			C1660			CH155APL
Micro Carregadeiras: 444 / 500/ 600/ M 610/ M 700 - Continental / onan / Kohler / Wisconsin										C1671	
MICRO CARREGADEIRAS: M 711 / M 790 - AGRALE	->81			PH9A						PH2883	
MICRO CARREGADEIRAS: M 711 / M 790 - AGRALE	82->			PH9A	P4102					PH2883	
Micro Carregadeiras: M 970 - Perkins				PH8A	C1191			C1671			

Cbt

1000 - PERKINS 4.203	->75	CA3295	CA3295SY	CH813PL	C1191	C1191					
1000 / 2070 - PERKINS 4.203	76-79			PH2895	C1191	C1191					
1065 / 1105 / 2600 (ADAPTAÇÃO P/ LAVOURA CANAVIEIRA) - MBB OM 352 / 352 A	83->	CA3291A	CA3291SY	CH4829	C11860ZP						
1065 / 1105 / 2600 - MBB OM 352 / 352 A	76-82	CA4202	CA4202SY	C4DB	C11860ZP						
1065 / 1105 / 2600 - MBB OM 352 / 352 A	83->	CA4202	CA4202SY	CH4829	C11860ZP						

1065 / 2080 - MBB OM 314	75-80			C4DB	C11860ZP					
1090 A / 2100 (ADAPTAÇÃO PARA LAVOURA CANAVIEIRA) - PERKINS 6.357	80->	CA3291A	CA3291SY	PH977B	C1191					
1090 A / 2100 - PERKINS 6.357	76-79			CH834PL	C1191					
1090 A / 2100 - PERKINS 6.357	80->			PH977B	C1191					
2105 (ADAPTAÇÃO P/ LAVOURA CANAVIEIRA) - MBB OM 352 / 352 A	83->	CA3291A	CA3291SY	CH4829	C11860ZP					
2105 - MBB OM 352 / 352 A	76-82	CA4202	CA4202SY	C4DB	C11860ZP					
2105 - MBB OM 352 / 352 A	83->	CA4202	CA4202SY	CH4829	C11860ZP					
2105 BUFALO PANTANEIRO - MBB OM 352 A	84->	CA4202	CA4202SY	CH4829	C11860ZP					
2400 - DETROIT 4.53	78-79	CA4685	CA4685SY	CH33APL						
2400 - DETROIT 4.53	80->			CH33APL						
2500 - PERKINS 6.358				PH977B	C1191					
3000 / 3500 - CHRYSLER 318.3 E -ALCOOL	83->	CA4202	CA4202SY		G4185					
8060 - MBB OM 352	84->	CA4202	CA4202SY	CH4829	C11860ZP		C1664PL			
8240 - Perkins A 4.248	86->			PH2821C	C1191	C1191	P4637A			
8240 - Perkins E 4.236 (ALCOOL)	->84	CAK258		PH2821C	G12		P4637A			
8260 (4x4) - Perkins 6.354-4		CA4202	CA4202SY	PH977B	C1191		P4637A			
8440 - MWM D229/4	85->	CA3295	CA3295SY	PH8A	C11860ZP		P4637A			
8450 TURBO (4x4) - MWM TD 229 EC4		CA3291A	CA3291SY	PH2801B	C11860ZP					
900 T (TURBO) - MPL TURBO - 3 CIL.		CA4202	CA4202SY	CH834PL	C11860ZP					
9450 Turbo (4x4) - MWM TD 229 EC4		CA3291A	CA3291SY	PH2801B	C11860ZP			CH803APL		
JEEP JAVALI - CBT 401 - 4 CIL.		CA3295		CH834PL	C11860ZP					
JEEP JAVALI - CBT MPL TURBO - 3 CIL.		CA4202		CH834PL	C11860ZP					

Cifali

SA 11 / 14 / 15 - PERKINS 4.203	75->			PH2895	C1191					
SA 11 / 14 / 15 - PERKINS 4.203	->74			CH813PL	C1191					
SA 12 / 13 - PERKINS 6.357 / 6.358	85->			PH977B	C1191					
SA 12 / 13 - PERKINS 6.357 / 6.358	->84			CH834PL	C1191					
SA 16 - PERKINS 3.152	75->			PH2895	C1191					
SA 16 - PERKINS 3.152	->74			CH813PL	C1191					

Clark

110 - CUMMINS JT6 C175			CH211A C175A	P3528					
110 - DETROIT 4.53			CH33APL						
110 - DETROIT 6.53			CH33APL			CH33BPL			
125 / 125 ARTICULADA - CUMMINS N 855C	CA3280	CA3280SY	CH211A C175A						
125 / 125A II / 125A III - CUMMINS C160 / 175 / 200			CH211A C175A	P3528					
125 / 125A II / 125A III - DETROIT 6 V 53			CH33APL						
125 ARTICULADA - SCANIA	CA4215	CA5483SY	PH9A	P4102					
175A / 175B / 175A II / 175A III - DETROIT 6 V 71 / 8 V 71	CA502	CA502SY	CH33APL			CH33BPL			
175A / 175B / 175A II / 175A III - DETROIT 6 V 71 / 8 V 71 (ALGUNS MODELOS)			CH33APL			CH33BPL			
175A / 175B / 175A II / 175A III - MOTOR CUMMINS V8R 240	CA502	CA502SY	CH211A C175A	P3528					
175A / 175B / 175A II / 175A III - MOTOR CUMMINS V8R 240-ALG. MODELOS (APÓS SERIE 26.326)			CH211A C175A	P3528					
180 / 180A III - DETROIT 4.71			CH33APL			CH33BPL			
180 / 180A III - DETROIT 4.71 / 6 V 53 (ALGUNS MODELOS) - DETROIT 4.71 / 6 V 53			CH33APL			CH33BPL			
180 / 180A III - DETROIT 6 V 53			CH33APL			CH33BPL			
210 / CS 270 - DETROIT 6 V 71 / 8 V 71	CA502	CA502SY	CH33APL			CH33BPL			
275A / 275B / 275A II / 275A III / 280 / 280 II / 280 III - CUMMINS NT 855 C 310	CA502	CA502SY	CH211A C175A	P3528		CH33BPL			
275A / 275B / 275A II / 275A III / 280 / 280 II / 280 III - DETROIT 8V 71	CA502	CA502SY	CH33APL			CH33BPL			
310 / 375A / 380A III - CUMMINS NT 855 C 380	CA502	CA502SY	CH211A C175A	P3528		CH33BPL			
35 / 45 / 55A / 55AII / III - DETROIT 4.53			CH33APL						
35R PA CARREGADEIRA - PERKINS 4.203			CH813PL	C1191					
380 - CUMMINS NT 855 C 310	CA502	CA502SY	CH211A C175A	P3528		CH33BPL			
380 / 380 III - CUMMINS NVH 12			CH211A C175A	P3528		CH33BPL			
380A III - DETROIT 8 V 71	CA535		CH33APL			CH33BPL			
475 III - CUMMINS VTA 1710 C	CA502	CA502SY	CH211A C175A	C1143PB		CH33BPL			

475B - DETROIT 4 - 6 CIL.		CA535		CH211A C175A			CH33BPL			
55 ARTICULADA 65R / 75III / 75HD (P/ SERVIÇO PESADO) - MBB OM 352	->84	CA3280	CA3280SY	CH4829	C11860ZP					
55 ARTICULADA 65R / 75III / 75HD - MBB OM 352	->84	CA3291A	CA3291SY	CH4829	C11860ZP					
55 C TURBO - CUMMINS NH		CA4685	CA4685SY							
65R / 75 III - PERKINS 6.357				CH834PL	C1191		CH33BPL			
700 / 736 - DETROIT 6V 53 / 6V 71				CH33APL			CH33BPL			
714 Guindaste - MB OM 352	83->	CA3291A	CA3291SY	CH4829	C11860ZP		CH33BPL		C1671	
714 Guindaste - MB OM 352	->82	CA3291A	CA3291SY	C4DB	C11860ZP		CH33BPL		C1671	
720 - DETROIT 6V 53 / 6V 71				CH33APL			CH33BPL			
75 - MBB OM 352	->78	CA3291A	CA3291SY	C30DB	C11860ZP		CH33BPL			
75 - MBB OM 352	79->	CA3291A	CA3291SY	CH2927	C11860ZP		CH33BPL			
75 - PERKINS 6.357				CH834PL	C1191		CH33BPL			
75A / 75A II / 75A III - DETROIT 6.53				CH33APL			CH33BPL			
85 - DETROIT 6.53				CH33APL			CH33BPL			
85A / 85A II / 85A III - CUMMINS JN 130				CH211A C175A	C1143PB					
85A / 85A II / 85A III - DETROIT 4.53				CH33APL			CH33BPL			
A25 - CUMMINS 6 CTA 8.3		CA3280	CA3280SY	PH3757	P3401	P4102		PR3908		
C 40 / 50 / 60 / 300 - GM 4.151		CA2653		PH2845			C1664PL			
C 40 / 50 / 60 / 300 - PERKINS 3.152				CH813PL	C1191					
C 500 Y / 500 HY - PERKINS 4.203				PH2895	C1191					
C 500 Y / 500 HY - PERKINS 4.236				PH2821C	C1191					
L90 - CUMMINS 6 BT 5.9		CA4685	CA4685SY	PH3976	P3401	P4102		PR3908		
Micro Carregadeiras: 444 / 500 / 600 / M 610 / M 700 - Continental / onan / Kohler / Wisconsin									C1671	
MICRO CARREGADEIRAS: M 711 / M 790 - AGRALE	->81			PH9A					PH2883	
Micro Carregadeiras: M 970 - Perkins				PH8A	C1191		C1671			
MICRO CARREGADEIRAS: M711 / M790 - AGRALE	82->			PH9A	P4102				PH2883	

Compair

CR 175 - PERKINS 4.236		CA3291A	CA3291SY	PH2821C	C1191					
CV 250 / CR 275 / CR 400 / CV 400 - PERKINS 6.357		CA4685	CA4685SY	CH834PL	C1191					
RA 30 / 40 / 60 / 75 - PERKINS 4.248		CA4686		PH2821C	C1191					

Cummins

6 B 5.9/ 6 BT 5.9/ 6 BTA 5.9				PH3976	P3401			PR3908		
6C 8 3.6 / 6CT 8.3 / 6CTA 8.3				PH3757	P3401	P4102		PR3908		
H 743 / NH 743 C 180				CH211A C175A	C1143PB			PR3404		
HRF 6				CH211A C175A	P3528			PR3404		
HS 743 - B 240 / C 240 / P 240 / NS 743 - C 240 / P 240				CH211A C175A	P3528					
KTA 600				CH211A C175A	P3528		CH33BPL	PR3414		
NH 743 C 220					C1143PB			PR3404		
NH 743 P 220				CH211A C175A	C1143PB			PR3404		
NT 855				CH211A C175A	P3528			PR3414		
NT 855 C 160				CH211A C175A	C1143PB			PR3404		
NT 855 C 250				CH211A C175A	P3528			PR3404		
NT 855 C 270 / C 355 / C 340				CH211A C175A	P3528			PR3414		
NT 855 C 370	61-73	CA502	CA502SY		P3528					
NT 855 CI										
NTA 855 / NTTA 855		CA502	CA502SY	CH211A C175A	P3528					
NTA 855 ML								PR3414		
NTA 855 P 400		CA502	CA502SY	CH211A C175A	C1143PB			PR3404		
V 903				CH211A C175A	P3528					
V6 140 / V8 185 / V 504 CUMMINS						C1143PB		PR3404		
V8 210 1ª SERIE				CH211A	C1143PB					
V8 210 2ª SERIE				C175A	C1143PB					
VT 903				CH211A C175A	C1143PB					
VTA 1710				CH211A C175A	P3528			PR3414		PH20

Detroit

12 V 71 N / T / 12 V 149 T / 16 V 71 T / 16 V 92 TA				CH33APL						
2.53/ 3.53 IMPORTADO - 1ª SERIE										
2.71 / 3.71 / 4.71 IMPORTADO				CH33APL						
3.53 N NACIONAL - T	77-79				CH33APL					
3071 C / D / 4087 D / T / 4088 T / 6071 / 6102 T / 6121 / 6220 - GRUPO GERADOR				CH33APL						
4.53 - IMPORTADO				CH33APL						
4.53 N - NACIONAL	77-79			CH33APL						
6 V 71 T / 6 V 92 N / 8 V 71 / 8 V 71 N / T / 8 V 92 / T				CH33APL						
6.53 / 8.53 IMPORTADO				CH33APL						

6.53 N NACIONAL	77-79			CH33APL						
6.71 E / N / T				CH33APL						

Dynapac

C40 / CA40 / CC40 - DEUTZ F4 L 912 4CIL.				PH8A	P4102					
C40 / CA40 / CC40 - DEUTZ F4 L 912 6CIL.				PH2801B	P4102					
CA 15 - MOTOR PERKINS	00->			PH2821C	C1191	C1191				
CA 25 / 25A / 25D / 25DP / 25S - MBB OM 352	->78	CA3291A	CA3291SY	C30DB	C11860ZP				C1671	
CA 25 / 25A / 25D / 25DP / 25S - MBB OM 352	79->	CA3291A	CA3291SY	CH2927	C11860ZP				C1671	
CA 25 / 25A / 25D / 25DP / 25S / CC 43 - Detroit 4.53N	77-79	CA4685	CA4685SY	CH33APL					C1671	
CA 35 - MBB OM 352 A		CA3280	CA3280SY	CH2927	C11860ZP				C1671	
CA15 / 15A / 15P - MWM D225/4		CA3291A	CA3291SY	PH8A	C11860ZP					
CC 21 - PERKINS 4.236		CA4202	CA4202SY	PH2821C	C1191					
CC 43 / CC 53 - CAT 3208					P1104				C1671	
CC 43 / CC 53 - MBB OM 352 A		CA3291A	CA3291SY	CH2927	C11860ZP				C1671	
CF 44 / CH 44 / CH 46 / CFB 66 / CHB 66 - MWM D225/4				PH8A	C11860ZP					
CG11 / AM30 - AGRALE				PH9A	P4102					
CP 22 - MBB OM 314	->82	CA3105	CA3105SY	C4DB	C11860ZP				C1671	
CP 22 - MBB OM 314	83->	CA3105	CA3105SY	CH4829	C11860ZP				C1671	
CP 27 - PERKINS 6.354					C1191					
CP27 / A / B - MBB OM 352	->78	CA3291A	CA3291SY	C30DB	C11860ZP				C1671	
CP27 / A / B - MBB OM 352	79->	CA3291A	CA3291SY	CH2927	C11860ZP				C1671	
CT 20 / CT 20 S - Cummins N855 C		CA3280	CA4685SY	CH211A C175A	P3528		CH33BPL	PR3404	C1671	
CT 25 - Detroit 6 V 53 N	77-79	CA535		CH33APL					C1671	
CT25 - CUMMINS 6CT 83		CA3280	CA4685SY	PH3757	P3401	P4102		PR3908		
TR25 - Scania D11		CA3280	CA4685SY	PH9A	P4102				C1671	

Eatonvale

134 A - MB OM 321					C11861ZP					
134 A - MB OM 352	->82	CA3291A	CA3291SY	C4DB	C11860ZP				C1671	
134 A - MB OM 352	83->	CA3291A	CA3291SY	CH4829	C11860ZP				C1671	
134 A PA CARREGADEIRA - PERKINS 6.357		CA3291A	CA3291SY	CH834PL	C1191					
1500 BK - PERKINS 6.357				CH834PL	C1191		C1660			
1500 BM - MB OM 352	->82	CA3291A	CA3291SY	C4DB	C11860ZP		C1660			
1500 BM - MB OM 352	83->	CA3291A	CA3291SY	CH4829	C11860ZP		C1660			
1900 BK - Perkins 6.357	->80	CA3291A	CA3291SY	CH834PL	C1191		C1660			C1664PL

1900 BK - PERKINS 6.357	80->	CA3291A	CA3291SY	CH834PL	C1191		C1660				
1900 BM - MBB OM 352	->82	CA3291A	CA3291SY	C4DB	C11860ZP		C1660			C1664PL	
1900 BM - MBB OM 352	->78	CA3291A	CA3291SY	C30DB	C11860ZP		C1660			C1664PL	
1900 BM - MBB OM 352	79->	CA3291A	CA3291SY	CH2927	C11860ZP		C1660			C1664PL	
1900 BM - MBB OM 352 APOS SERIE 080		CA3291A	CA3291SY	CH2927	C11860ZP		C1660				
1900 BM - MBB OM 352 até serie 080		CA3291A	CA3291SY	C30DB	C11860ZP		C1660			C1664PL	
1900 BM - MBB OM 352 IND.	83->	CA3291A	CA3291SY	CH4829	C11860ZP		C1660				
250 A / 250 B - PERKINS 6.357		CA3291A	CA3291SY	CH834PL	C1191		CH33BPL				
2500 - DETROIT 6 V 71		CA502	CA502SY	CH33APL							
3000 - CUMMINS				CH211A C175A	C1143PB				PR3404		
3000 - DETROIT 6 V 71		CA502	CA502SY	CH33APL			CH33BPL				
3000 B - SCANIA D11		CA3290			C11861ZP						
3000 P - PERKINS V 8 510					C1191		CH33BPL				
4000 / 4000 B - DETROIT 8 V 71		CA502	CA502SY	CH33APL							
4000 / 4000 B / 6000 - CUMMINS NT 855		CA502	CA502SY	CH211A C175A	C1143PB						
D51C / D51P / D83P - PERKINS 4.203	->73			CH813PL	C1191						
D51C / D51P / D83P - PERKINS 4.203	74->			PH2895	C1191						
G51C / G51P - WILLYS				C3PL							
G83P / G87P - GM 6 230	->73	CA2653		PH13							
G83P / G87P - GM 6 230	74->			PH13							
TROJAN-SERIE - 3000 - GM 6V-53	-			CH33APL							
TROJAN-SERIE - 3000 - MWM	-					C11861PL	CH33APL				

Engesa

ANFIBIO EE 11 III - DETROIT 6 V 53		CA3280	CA3280SY	CH33APL			PH8A				
EE 1124 - CUMMINS N 855		CA4685	CA4685SY	CH211A C175A	P3528				PR3404		
EE 1124 / 1428 - CUMMINS N 855 C		CA535		CH211A C175A	P3528				PR3404		
EE 1128 - CUMMINS NT855 C				CH211A C175A	P3528				PR3404		
EE 312 - CUMMINS NT855 C 240				CH211A C175A	P3528				PR3404		
EE 4/ EE 12 - JEEP - MOTOR GM 151 - ALCOOL/ GASOLINA	87->	CA3295		PH2845	G4185						
EE 510 - MWM D229/6		CA3291A	CA3291SY	PH2801B	C11860ZP		PH8A			CH803APL	
EE15 - MBB OM 352	79->	CA3291A	CA3291SY	CH2927	C11860ZP					CH803APL	
EE15 - MBB OM 352	->78	CA3291A	CA3291SY	C30DB	C11860ZP					CH803APL	
EE25 - MBB OM 352 / 352 A	->78	CA3291A	CA3291SY	C30DB	C11860ZP					CH803APL	

EE25 - MBB OM 352 / 352 A	79->	CA3291A	CA3291SY	CH2927	C11860ZP				CH803APL		
EE4 / EE12 - ALCOOL E GASOLINA (CAMINHÃO) - PERKINS Q 20B 4		CA3105	CA3105SY	PH2821C							
EE50 - Scania D11		CA3280	CA3280SY		P4102				CH803APL		
EE9 II / III / EE10 / EE11 II (Carro Blindados) - MBB OM 352 / 352 A	79->	CA3291A	CA3291SY	CH2927	C11860ZP				CH803APL		
EE9 II / III / EE10 / EE11 II (Carros Blindados) - MBB OM 352 / 352 A	->78	CA3291A	CA3291SY	C30DB	C11860ZP				CH803APL		
EE9 IV - DETROIT 6 V 53	78-79	CA3280	CA3280SY	CH33APL			PH8A				
EE923 - CUMMINS 6CTA 8.3		CA3280	CA3280SY	PH3757	P3401	P4102		PR3908			
JEEP EE4/ EE12 - GM 151 -ALCOOL E GASOLINA	87->	CA3295		PH2845	G5188						

Fiat Allis

134 BR - MBB OM 352	83->	CA3291A	CA3291SY	CH4829	C11860ZP			CH33BPL			
134 BR - MBB OM 352	->82	CA3291A	CA3291SY	C4DB	C11860ZP			CH33BPL			
1500 B / 1900 B - MBB OM 352	->82	CA3291A	CA3291SY	C4DB	C11860ZP			C1660			C1664PL
1500 B / 1900 B - MBB OM 352	83->	CA3291A	CA3291SY	CH4829	C11860ZP			C1660			C1664PL
21 B		CA502	CA502SY	CH211A C175A							
41B - CUMMINS				CH211A C175A	C1143PB				PR3414		
545 / 545B / 545 H - MBB OM 352								C1660			
645 B - MBB OM 352								C1660			
745 / 745 B / 745 H - MBB OM 352				CH33APL				C1660			
82-93		CA5741									
82-94		CA5741									
85-90		CA5741									
88-93		CA5741									
88-94		CA5741									
945 / 945 B - MBB OM 352		CA502	CA502SY	CH211A C175A				C1660	PR3404		
AD / DB 14 - FIAT 1700						P4105					
AD / DB 14 - FIAT 6956				PH2883							
AD 20 - MOTOR 947						P4105					
AD 20 - MOTOR 948				PH2883		G6					
AD 5 TRATOR DE ESTEIRA				PH2824	P4105						
AD 7 B	71				C11861ZP						
AD 9				PH2824		G6					
AD14 - SCANIA D11		CA3291A	CA3291SY		P4102						
AD7B motor D229-6	71->			PH2801B							
FG 85 - CUMMINS 6 C 8.3				PH3757	P3401				PR3908		
FL 14						P4105					

FL 4 / FL 4 C - SCANIA D11				PH2824	C1191						
FL 6 / 60 CA				CH850PL							
FR 10 / FR 12 TRATOR DE RODA - MBB OM 352	->78	CA3291A	CA3291SY	C30DB	C11860ZP						
FR 10 / FR 12 TRATOR DE RODA - MBB OM 352	79->	CA3291A	CA3291SY	CH2927	C11860ZP						
L85		CA5741									
L95		CA5741									
S 90				PH2824	C1191						
S 90 - MWM D229/6				PH2801B	C11861ZP						
Winner F100 c/ motor agri 8065061991		CA5741									
Winner F110 Hi-lo		CA5741									
Winner F115		CA5741									
Winner F12		CA5741									
Winner F120 Hi-lo c/ motor agri 8065051991		CA5741									
Winner F140 c/ motor agri 806525191		CA5741									

Gardnerdenver

SP 1050 / 1200 - CAT D 343					P1104						
SP 1200 - DETROIT 12 V 71				CH33APL							
SP 1200 - DETROIT 8 V 71		CA502	CA502SY	CH33APL							
SP 160 / 185 / 250 - COMPRESSORES - FORD DIESEL					C1191						
SP 250 / 365 - COMPRESSORES - CAT D 330				CH191APL	P1104						
SP 250 / 365 - COMPRESSORES - DETROIT 4.53 / 4.71				CH33APL							
SP 325 - PERKINS 6.358				PH977B	C1191						
SP 340 / 387 - PERKINS 6.354		CA3280	CA3280SY								
SP 340 / 387 - PERKINS 6.354		CA4202	CA4202SY	PH977B	C1191						
SP 365 DF - CAT D 330 T				PH49A	P1104						
SP 365 DF - CAT D 330 T											
SP 365 DF - DETROIT 4.71											
SP 365 DF - DETROIT 4.71				CH33APL							
SP 365 DG - CAT D 330											
SP 365 DG - CAT D 330				CH191APL	P1104						
SP 365 DG - DETROIT 4.71				CH33APL							
SP 600 - CAT D 333 T		CA502	CA502SY	CH191APL							
SP 600 - DETROIT 6.71		CA270									
SP 600 - DETROIT 6.71				CH33APL							

SP 750 - CUMMINS NT855		CA502	CA502SY	CH211A C175A	P3528					
SP 900 / 900 DK - CAT D 343					P1104					
SP 900 / 900 DK - DETROIT 8 V 71				CH33APL						

Huber Wabco

130M - MB OM 352	78->	CA3291A	CA3291SY	CH2927	C11860ZP					C1664PL
130M / 140M - MB OM 352A		CA3291A	CA3291SY	CH2927	C11860ZP		CH33BPL			C1664PL
140M - MB OM 355/6	80->	CA4685	CA4685SY	CH2989	C11861ZP					C1664PL
140S / 165S / 165SSA / 225SSA - Scania D11	75	CA3280	CA3280SY		P4102					C1664PL
Guindaste AY-AX Kranekan - MB OM 314	83->	CA3105	CA3105SY	CH4829	C11860ZP			CH803APL		
Motoniveladoras 20M 140M - MB OM 321-OM 326		CA4685	CA4685SY		C11861ZP		CH33BPL			C1664PL

Ideal

9075 motor Perkins 1006 IMP				PH8A						
9090 motor Perkins 1006 IMP				PH8A						

Ingersolrand

COMPRESSOR CATERP. 343TA					P1104					
DR 125 - FORD				PH8A						
DR 85/DR 125/DLE 125/DR 160 - PERKINS 3152- 4203	75-76			CH813PL	C1191					
DR125 - DEUTZ F4L912				PH8A	P4102					
DR125 MOTOR FORD				PH8A						
G33WN		CA5741								
SP 42 - FORD DIESEL				PH8A	C1191					

Komatsu

D 125 / D 125 A 18 - CUMMINS				CH211A C175A	C1143PB					
D 125 / D 125 A 18 - KOMATSU				C175A						
D 150 / D 155 A-1			CA502SY							
D 150 / D 155 A-1 - S 6 D 155 KOMATSU IMP		CA502		CH191APL						
D 150 / D 155 A-1 (SERIE 17 000) - S 6 D 155 KOMATSU IMP										
D 150 / D 155 A-1 (SERIE 24 805) - S 6 D 155 KOMATSU IMP					P3528					
D 155 A-1 - NT 855 CUMMINS NAC.			CA502SY	C175A	P3528			PR3404		
D 155 S-1 (SERIE 15 182) - S 6 D 155 KOMATSU IMP			CA502SY							

D 155 S-1 (SERIE 20 000 - 25 483) - S 6 D 155 KOMATSU IMP				C175A				PR3414		
D 155 S-1 (SERIE 27 281) - S 6 D 155 KOMATSU IMP										
D 30 E (TRATOR DE ESTEIRA) - MBB OM 352	82->	CA4202	CA4202SY	CH4829	C11860ZP					
D 355 A-3 (SERIE 25 899) - SA6 D 155 KOMATSU IMP. 25 899			CA502SY					PR3414		
D 355 A-3 (SERIE 25 900) - SA6 D 155 KOMATSU IMP. 25 900			CA502SY	C175A	P3528			PR3414		
D 455 A-1 - VTA 1710 CUMMINS IMP.			CA502SY	CH211A C175A				PR3414		
D 50 A - MBB OM 352 A	77->	CA3291A	CA3291SY	CH2927	C11860ZP					
D 50 A - MBB OM 352 A	->76			CH2927	C11860ZP					
D 50 A / D 50 P (SERIE 23 892) - 4 D 130 - KOMATSU IMP					P3528					
D 50 A / D 50 P / D 50 S - 4 D 120 - KOMATSU IMP					P3528					
D 50 S 16 (SERIE 23 138) - 4 D 130 - KOMATSU IMP					P3528					
D 55 S-3 - ADAPTAÇÃO MOTOR CUMMINS				CH211A C175A						
D 55 S-3 - KOMATSU - S4 D 120 IMP										
D 60 A-3 / D 60 A-6 / D 60 S - CUMMINS				CH211A C175A	C1143PB					
D 60 E / D 65 E - NT 855 C CUMMINS NAC		CA4685	CA4685SY	CH211A C175A	P3528			PR3404		
D 65 A / D 65 E - CUMMINS IMPORTADO				C175A	C1143PB			PR3404		
D 75 S-2 - CUMMINS				C175A				PR3404		
D 75 S-3 TURBO - NTO 6 CI CUMMINS IMP								PR3404		
D 80 P-12 TURBO - NTO 6 CI CUMMINS IMP								PR3404		
D 85 A / D 85 E12 (SERIE 14 6412) - NH 220 CI CUMMINS IMP. 14 6412				C175A				PR3404		
D 85 A / D 85 E12 (SERIE 14 6413) - NH 220 CI CUMMINS IMP. 14 6413		CA3290	CA3280SY	C175A				PR3404		
D 95 S-2 - NT 855 CUMMINS 15 3623			CA502SY	C175A	P3528			PR3414		
D30E	71->			C4DB						

MF 1630 - PERKINS 4.248	80->	CAK258		PH2821C	C1191					
MF 1830 - PERKINS 4248	80->			PH2821C	C1191					
MF 210 / 210X / 220 / 310 - PERKINS 4203	78-81			PH2821C	C1191					
MF 220 / 1630 - PERKINS 4248	76-81			PH2821C	C1191					
MF 233-BX1 INJEÇÃO DIRETA - PERKINS AD 3152		CA3105	CA3105SY	PH2895	C1191					
MF 235 / 250 - PERKINS 3.152	76->			PH2895						
MF 235 / 250 - PERKINS 3152	74-75	CA3105	CA3105SY	CH813PL	C1191					
MF 250 - PERKINS 4000 IMP	94->	CA4202	CA4202SY	PH2821C						
MF 250 - PERKINS 4236	94->	CA3105	CA3295SY	PH2895						
MF 265 (4x4) - PERKINS 4203	76->	CA3105	CA3105SY	PH2895	C1191	C1191				
MF 265 - PERKINS 4236	00->	CA9744	CA9744SY	PH2821C			P10301			
MF 265 / 265 (4x4) - PERKINS 4203	74->	CA3105	CA3105SY		C1191	C1191				
MF 275 - Perkins 4236	00->	CA9744	CA9744SY	PH2821C	C4163		P10301			
MF 275 / 290 MAXION	84	CA3295	CA3295SY	PH2821C	C1191	C1191				
MF 283 / 283/4 - MAXION	94->	CA3295	CA3295SY	PH2821C	C1191		P10301			
MF 290 - PERKINS 4000 IMP	94->	CA3295	CA3295SY	PH2821C						
MF 290 Perkins 4236	00->	CA9744	CA9744SY	PH2821C	C4163	C4163	P10301			
MF 292	00->	CA9745	CA9745SY	PH2821C	C4163	C4163	P10301			
MF 292 - 4x4 - Turbo - AT 4236		CA4202	CA4202SY	PH2821C						
MF 296 / 296.4 CH-SH - PERKINS 6354	77->	CA4202	CA4202SY	PH977B	C1191	C1191				
MF 297	00->	CA9352	CA9352SY	PH977B	C4163		P10301			
MF 297 - PERKINS 6353-4	91->	CA3291A	CA3291SY	PH977B	C1191					
MF 297 dois filtros do óleo	00->	CA9745	CA9745SY	PH2821C	C4163					
MF 299	00->	CA9745	CA9745SY	PH977B	C4163		P10301			
MF 299 - PERKINS ALT. 6354-4	91->	CA3291A	CA3291SY	PH2821C	C1191					
MF 299 dois filtros do óleo	00->	CA9745	CA9745SY	PH2821C	C4163					
MF 3540 / 3650 - PERKINS 6358	76-80			PH977B						
MF 3690 - IMPORTADO				PH977B	C1191					CF9853
MF 410 / 510 / 510S - PERKINS 6357	->82	CA3289		CH834PL	C1191					
MF 4780 - SCANIA 215CV				PH9A	P4102					
MF 4780 - Scania D 11	84->	CA3280	CA3280SY	PH9A	P4102				C1664PL	
MF 500 / 500B - PERKINS 6357	78-82	CA4202	CA4202SY	CH834PL	C1191					
MF 500 / 500B - PERKINS 6358	->77	CA4202	CA4202SY	PH977B	C1191					
MF 5285 / 5285/4 - MAXION	98->	CA3295	CA3295SY	PH2821C	C1191		P10301			
MF 5290 / 5290/4 - MAXION	98->	CA3295	CA3295SY	PH2821C	C1191		P10301			
MF 5300 - Perkins 4 cil.	98->	CA9744		PH2821C	C1191		P10301			CF9853

MF 5310	99-06	CA9744		PH2821C	C1191		P10301				CF9853
MF 5320	98->	CA9745		PH977B	C1191	C1191	P10301				CF9853
MF 5650 - PERKINS 6.354	81-92	CA4202	CA4202SY	PH977B	C1191	C1191					
MF 5650 - PERKINS 6.354	93->	CA4685	CA4685SY	PH977B	C1191	C1191					
MF 5850 / 3640 C/ TURBO - PERKINS 6354-4	88	CA4202	CA4202SY	PH977B	C1191						
MF 610 / 620 - PERKINS IMPORTADO	94->	CA4202	CA4202SY	PH8A	P4587	P4587	P10301				
MF 610/MF620 - PERKINS 4000 IMP	->94	CA4202	CA4202SY	PH2821C	C1191	C1191	P10301				
MF 630	00->	CA9352	CA9352SY	PH977B	C4163		P10301				
MF 630 - PERKINS 1000 IMP	94->	CA3291A	CA3291SY	PH977B	P4587		P10301				
MF 630 dois filtros do óleo	00->	CA9745	CA9745SY	PH2821C	C4163						
MF 6350 - P 1006	04-06				P3401	P4102					
MF 6360	04->	CA9352	CA9352SY	PH2821C	P3401	P4102	P10301				
MF 640 - Perkins 1006	93-03	CA9352		PH2821C	c4163		P10301				
MF 65 / 65X / 85X / 65 RA / 65 RI / 65R - PERKINS 4236-4248	76-80			PH2821C	C1191						
MF 650	00->	CA9352	CA9352SY	PH977B	C4163						
MF 650 / 660 - PERKINS IMPORTADO		CA3291A	CA3291SY	PH8A	P4587						
MF 650 dois filtros do óleo	00->	CA9745	CA9745SY	PH2821C	C4163						
MF 650 Perkins 1000 Importado	01/94->			PH8A							
MF 650/MF660 - PERKINS 1000 IMP	94	CA3291A	CA3291SY	PH2821C	C4163		P10301				
MF 660	00->	CA9746	CA9746SY	PH977B	C4163		P10301				
MF 660 dois filtros do óleo	00->	CA9746	CA9746SY	PH2821C	C4163						
MF 660-4 Perkins 1000				PH8A							
MF 680	00->	CA9746	CA9746SY	PH977B	C4163		P10301				
MF 680 dois filtros do óleo	00->	CA9746	CA9746SY	PH2821C	C4163						
MF 680/4 - PERKINS SERIE 1000	95->	CA4685	CA4685SY	PH2821C	C4163		P10301				
MF 6855 - PERKINS 1006 IMPORTADO	94-00			PH8A	C1191						
MF 750 - MAXION	94->	CA3295	CA3295SY	PH2821C							
MF 750 - PERKINS A 4.236				PH2821C	C1191						
MF 85 - MWM D225/4	76-78			PH8A	C11860ZP						
MF 85 - MWM D225/4	->75			CH962PL	C11860ZP						
MF 86 RV - MAXION	94->	CA3295	CA3295SY	PH2821C	C4163	C4163					
MF 9110 - PERKINS 6354-4	90	CA3291A	CA3291SY	PH977B	C1191						
MF 9130 TURBO - PERKINS ALT. 6354-4	90	CA3291A	CA3291SY	PH2821C	C1191						
MF 9150 / 9170 - PERKINS ALT. 6354-4	89-94	CA4685	CA4685SY	PH2821C	C1191	C1191					
MF 95 / MF 95X - PERKINS 6357	76			CH834PL	C1191	C1191					

MF10 Perkins	90->					P4587					
MF135 Perkins 3152	->74			CH813PL	CH816PL	C1191					
MF25 Perkins	90->				P4587						
MF270 Perkins 4236 4248)	77->	CA3295	CA3295SY	PH2821C	C1191						
MF275 4x4 Perkins 4236 4248	77->	CA3295	CA3295SY	PH2821C	C1191						
MF275 Perkins 4236 4248	77->	CA3295	CA3295SY	PH2821C	C1191						
MF2775				PH10299							
MF2805				PH10299							
MF285 Perkins 4236 4248	77->	CA3295	CA3295SY	PH2821C	C1191						
MF290 4x4 Perkins 4236 4248	77->	CA3295	CA3295SY	PH2821C	C1191						
MF292 Perkins 4236 4248	77->	CA3295	CA3295SY	PH2821C	C1191						
MF295 Perkins 4236 4248	77->	CA3295	CA3295SY	PH2821C	C1191	C1191					
MF32 Motor Cummins 6CTA8.3		CA10030									
MF34 Motor Cummins 6CTA8.3		CA10030									
MF35 PERKINS 3152	->74			CH813PL	CH816PL	C1191					
MF50 Perkins 3152	->74			CH813PL	CH816PL	C1191					
MF50X Perkins 3152	->74			CH813PL	CH816PL	C1191					
MF5275 - Perkins 4 cil.	98->	CA9744		PH2821C	C1191		P10301				
MF55X PERKINS 3152	->74			CH813PL	CH816PL	C1191					
MF65RA Perkins 3152	->74			CH813PL	CH816PL	C1191					
MF65RI Perkins 3152	->74			CH813PL	CH816PL	C1191					
MF65X PERKINS 3152	->74			CH813PL	CH816PL	C1191					
MF8580				PH10299							
MF9720				PH10299							
MS3640 - Colheitadeira - motor Cummins	00->	CA9746	CA9746SY	PH3976	P4102						
MS3640 - Colheitadeira - motor Perkins dois filtros do óleo	00->	CA9746	CA9746SY	PH2821C	C4163						
MS3640 - Colheitadeira motor Perkins	00->	CA9746	CA9746SY	PH977B	C4163						
MS56 (Colheitadeira)		CA9746	CA9746SY								
MS5650 - Colheitadeira - Cummins	00->	CA9746	CA9746SY	PH3976	P4102						
MS5650 - Colheitadeira - motor Perkins	00->	CA9746	CA9746SY	PH977B	C4163						
MS5650 - Colheitadeira - Perkins dois filtros do óleo	00->	CA9746	CA9746SY	PH2821C	C4163						
RETRO ESCAVADEIRA - PERKINS	86->	CA3295	CA3295SY	PH2821C							
RETRO ESCAVADEIRAS - PERKINS	86	CA3295	CA3295SY	PH2821C							

Muller

AD 229/3 - 4 CIL. ALCOOL DIESEL IND.		CA4989		PH8A	C11860ZP					
AD TD 229/6 - 4 CIL. MULLER		CA4686		PH2801B	C11860ZP					
AP 21-23-26-35 - MB OM 352	82-83	CA3291A	CA3291SY	C4DB	C11860ZP					C1664PL
AP 35 - Perkins 6357				CH834PL	C1191					C1664PL
BASCULANTES WB75B 120B - CUMMINS VTA 1710-TVA 80				C175A	P3528					
D 222-D 225/2 - MWM 3.4 CIL. ANTIGOS				CH211A	C11861ZP					
D 225/3 - MWM 4 CIL. IND. MARIT. VEIC.		CA3105	CA3105SY	PH8A	C11860ZP					
D 225/6 - 6 CIL. IND. MARIT. VEIC.				PH2801B	C11860ZP					
D 226/4 - 4 CIL. IND. VEIC.		CA2647		PH8A	C11860ZP					
ROLOS COMPAC. DE PNEUS AP20 - PERKINS 4203				CH813PL	C1191					
ROLOS COMPACT. VIBRAT. VT8 - AGRALE M90				PH9A						
ROLOS COMPACTAD. RT 42-62-82 - MWM D 223/4				CH962PL	C11861ZP					
RT 62-82-92-102 - PERKINS 4203				CH813PL	C1191					
TRATOR FLORESTAL TS22 - MB OM 352A		CA3291A	CA3291SY	CH2927	C11860ZP					
TRATORES DE RODAS TI 1822 - MB OM 352	82-83	CA3291A	CA3291SY	C4DB	C11860ZP					
VAP 55 - MB OM 314	82-83	CA3105	CA3105SY	C4DB	C11860ZP					C1664PL
VAP 70-72 - MB OM 352	78-79	CA3291A	CA3291SY	CH2927	C11860ZP					
WB 120B - CAT 348										

New Holland

1530-1550 - MB OM 352	78	CA4202	CA4202SY		C11860ZP					
1530-1550 - MB OM 352	82-83	CA4202	CA4202SY	C4DB	C11860ZP					
1530-1550-4040- 5050-8055 - MB OM 352	79	CA3291A	CA3291SY	CH4829	C11860ZP					
1540 AL - FORD 2704ET	-					C1191				
1880 - DETROIT 4.71	79									
3030 - IVECO	97->				P4587		PH7014			
4500 / 5000 - PERKINS 4203	71->			PH8A	C1191				C4662	
4600 / 4810 - Ford Alcool	83->	CA3105	CA3105SY	PH2821C	G4185	G12	P4637A		C4662	
4600 / 5600 / 6600 - FORD DIESEL	78-84			PH2821C	C1191					
4610 / 5610 / 6610 / 7610 (4x4) SERIE 10 - FORD DIESEL OHV 4256	85->	CA4376	CA4376SY	PH2821C	C1191		P4637A		C4662	

1004TG		CA5741									
1004TG2		CA5741									
1004TGAB35039		CA5741									
1004TGI		CA5741									
1006TG2		CA5741									
1006TGI		CA5741									
T4236		CA5741									

Puma

7900 CB - c/ motor MWM 4.10	96->			PH2801B	P4587	P4587					
Puma 4T-4000-4T-6T-Atcool c/ motor GM151	83-85	CA3295	CA3295SY	PH2845	G5188						
Puma 4T-4000-6000 2T c/ motor MWM D229/4	81-85	CA3295	CA3295SY	PH2842	C11860ZP	C11860PL					PS6643
Puma 4T-4000-6000 2T c/ motor Perkins 3152	81-85	CA3295	CA3295SY	PH977B	C1191	C1191					PS6643
Puma 4T-4000-6000 2T c/ motor Perkins 4236	81-85	CA3295	CA3295SY	PH2821C	C1191	C1191					PS6643

Santal

115 / 116 - MB OM 352	79->	CA3291A	CA3291SY	CH2927	C11860ZP		C1664PL				
115 / 116 - MB OM 352	79	CA3291A	CA3291SY	CH2927	C11860ZP		C1664PL				
115 / 116 - MB OM 355-5	83	CA3280	CA3280SY	CH2989	C11861ZP						
115 / 116 - MB OM 355/5	83->	CA3280	CA3280SY	CH2989	C11861ZP						
115 / 116 - MWM D 225/6 / 229/6	79->	CA3291A	CA3291SY	PH2801B	C11861ZP		C1664PL				
115 / 116 - MWM D225/6-D229/6	79	CA3291A	CA3291SY	PH2801B	C11861ZP		C1664PL				
115 / 116 - PERKINS 4.336	78	CA3295	CA3295SY	PH2821C							
115 / 116 - PERKINS 4236	->78	CA3295	CA3295SY	PH2821C	C1191						

Scania

Motores D11MO1 - Marítimos	77->	CA3280			P4102	P4102					CS3558
Motores DS11 - DS14 - Veiculares	77->	CA4215	CA5483SY	PH9A	P4102	P4102	CH803APL				CS3558
Motores DS11MO1 - DS14MO1 - Marítimos	77->	CA4215		PH9A	P4102	P4102					CS3558
Motores DS14 - Veiculares	81->	CA4221	CA5483SY	PH9A	P4102	P4102	CH803APL				CS3558
Motores DS111M - DS114M - Marítimos				PH9A	P4102	P4102		PR3414			CS3558
Motores DS114A - Estacionarios		CA4221A	CA5483SY	PH9A	P4102	P4102					CS3558

Slc-John Deere

1000 - MB OM 352	82-83	CA3291A	CA3291SY	CH4829	C11860ZP		P4637A				
1000 - MWM D229/4	79			PH8A	C11860ZP	C1191	P4637A				
1000 - MWM D229/4 - MB OM352	->82	CA3291A	CA3291SY	C4DB	C11860ZP		P4637A				
1165 / 1175 / 1185				PH20			P10121				CF9852

1165 / 1175 / 1185 Com Transmissão hidrostática							P10122				
1185 6068T	98/02	CA4685	CA4685SY								
140- JOHN DEERE		CA4685									
1450											CF8523
1550											CF8523
170 - JOHN DEERE		CA4685									
2000 / 2200 - MB OM 352	83->	CA3291A	CA3291SY	CH4829	C11860ZP		P4637A				
2000-2200 - MB OM 352	82-83	CA3291A	CA3291SY	C4DB	C11860ZP		P4637A				
5600 (4x2) - JOHN DEERE	97->	CA4202	CA4202SY	PH20							
5605 motor 4045D	02			PH20							
5700 (4x4) - JOHN DEERE	97->	CA4202	CA4202SY	PH20							
5705 - motor 4045D	02/06->			PH20							
6200 - MB OM 352	85	CA3291A	CA3291SY	CH4829	C11860ZP		P6882				
6200 TURBO - MB OM 352	86	CA4685	CA4685SY	CH2927	C11860ZP		P6882				
6300											
6300 - 4045T	96/03	CA4685	CA4685SY								
6300 - JD 4039T		CA4202	CA4202SY	PH20							
6300 - OM 366		CA3291A	CA3291SY	CH5262	C11864Z						
6400	02->				P3528						
6600 - JOHN DEERE 6059T	98->	CA3291A	CA3291SY	PH20							
7500 / 7700 - MWM TD 229 EC		CA4685	CA4685SY	PH2801B	C11860ZP						
7500 / 7700 - TURBO - OM 366A		CA4685	CA4685SY	CH5262	C11864Z						
JD 860 / JD 860A - Detroit 6.71				CH33APL			C1672				C1671
WA 14/ WA 17 - cummins				CH211A C175A	C1143PB	P3528	C1672				

Tema-Terra

Guindastes 5S32- 5720-5750 - Scania D11-DS11		CA3290		PH9A	P4102						
ROLOS COMPACTADORES VP 10-15 - AGRALE M 790		CA3105	CA3105SY	PH9A							
SP 255-SPV 725 SP 8000 10000 12000 - MB OM 352 OM 352A	78-79	CA3291A	CA3291SY	CH2927	C11860ZP		C1664PL				
SP 3000 - PERKINS 4236		CA3295	CA3295SY	PH2821C	C1191						
SPV 30-48-68-84 - OM 352	78-79	CA3291A	CA3291SY	CH2927	C11860ZP		C1664PL				
SPV 30-48-68-84 - Perkins 6357				CH834PL	C1191		C1664PL				
SPV 68		CA3295	CA3295SY				P4637A				
SPV 730 TT 1040 SP 3500 5500 - MB OM 314	82-83	CA3105	CA3105SY	C4DB	C11860ZP		C1664PL				
SPV 735 - DETROIT 4CIL.		CA3291A	CA3291SY								
TT 58-710-SP 255 - PERKINS V8-510					C1191						

TT58-710-SP 255 1000 - PERKINS 6357				CH834PL	C1191					
VR 3 - MB OM 352	78-79			CH2927	C11860ZP					

Valtra-Valmet

110 - motor D225-6	73-80				C11861ZP	C11861PL				
110 - MWM D225-229/6	80-86	CA4686		PH2801B						
118 - MWM D225-229/6	80-86	CA4686		PH2801B					PH9A	
1180 - Cummins 6B-59	92	CA3291A	CA3291SY	PH3976	P3401	P4102	P5573	PR3908		
1180 Valtra 620D IMP	94->	CA3291A	CA3291SY	PH9748	C1191	C1191				
128 - MWM D 229	85->	CA4202	CA4202SY	PH2801B	C11860Z	C11860ZP			PH9A	
1280 - MWM D 229/4	92	CA4202	CA4202SY	PH2801B	C11860Z	C11860ZP				
1280 / 1580 - MWM	86	CA4202	CA4202SY	PH2801B	C11860ZP		P5573			
1280R - MWM D229		CA9746	CA9746SY							
138 - MWM D 229	84-89	CA4685	CA4685SY	PH2801B	C11860ZP				PH9A	
138 - MWM D 229	84-89	CA9843		PH2801B	C11860ZP				PH9A	
1380 (4x4) - MWM D 229/6	85	CA4686	CA4202SY	PH2801B	C11860ZP		P5573			
1380 (4x4) - MWM D 229/6	86	CA4202	CA4202SY	PH2801B	C11860ZP		P5573			
1380 Valtra 620DS IMP	94->	CA4685	CA4685SY	PH9748	C1191	C1191				
1380 Valtra 620DS IMP	00->	CA9746	CA9746SY	PH9748						
148 - MWM D 229	84-89	CA4685	CA4685SY	PH2801B	C11860ZP				PH9A	
1580 - MWM D229		CA9746	CA9746SY							
1580 / 1780 - MWM		CA4685	CA4685SY		C11860ZP		P5573			
1680 Valmet 620DS IMP	00->	CA9746	CA9746SY	PH9748						
1680 Valmet 620DS	96-99	CA4685	CA4685SY	PH9748						
1780 - MWM	86	CA4685	CA4685SY		C11860ZP		P5573			
1780 - MWM	96-99	CA4685	CA4685SY	PH9748	C11860Z	C11860ZP				
1780 - MWM TD229	00->	CA9746	CA9746SY	PH9748	C11860Z	C11860ZP				
1880 S - Valtra 620DS	96->	CA4685	CA4685SY	PH9748	C4163	C4163				
1980 S - VALTRA 620DS	96->	CA4685	CA4685SY	PH9748						
60 - MWM D 225/3-225/4	72			CH962PL	C11861ZP					
62 - MWM D225/3-225/4	73-79	CA4989		PH2842	C11860ZP					
65 - MWM D225/3-225/4	73-79	CA4989		PH2842	C11860ZP					
68 - MWM 225/3-229/4-229/4 TV	76-88	CA4989		PH2842	C11860ZP		P5573			
685 - MWM		CA4989		PH2842	C11860ZP	C1191				
685 - MWM	94-97	CA4989		PH2842	C11860ZP					
685 - MWM 229	98->	CA3295	CA3295SY	PH9748	C11860ZP					
685C motor MWM D229-3	00->			PH2842						
700 - SÉrie 100 c/ motor Valtra 320DS		CA9745	CA9745SY	PH9748						
78 - MWM 225/3-229/4-229/4 TV	76-88	CA4989		PH2842	C11860ZP		P5573			
78 D 229-4	85/92	CA4989								
785 - MWM	94-97	CA4989		PH2842	C11860ZP					

785 - MWM 229	98->	CA3295	CA3295SY	PH9748	C11860ZP						
80 - MWM D 225/3-225/4	72			CH962PL	C11861ZP	C11861PL					
800 - Série 100 Valtra 420RD		CA9745	CA9745SY	PH9748							
85 - MWM D225/3-225/4	73-79			PH2842	C11860ZP						
88 - MWM 225/3-229/4-229/4 TV	76-88	CA4989		PH2842	C11860ZP		P5573				
880 - MWM D 229	86->	CA3295	CA3295SY	PH2842	C11860ZP		P5573				
885 - MWM D 229	86->	CA3295	CA3295SY	PH2842	C11860ZP		P5573				
885 - VALMET 420D IMP E 420DS IMP	94->	CA3295	CA3295SY	PH9748	C1191	C1191					
885 S/TS c/Valmet 4x4	94->	CA3295	CA3295SY	PH9748	C1191	C1191					
900 Série 100 Valtra 420DSR		CA9745	CA9745SY	PH9748							
965 (4x4) - MWM TD 229EC 4TA	92	CA3291A	CA3291SY	PH2801B	C11860ZP						
965 (4x4) - MWM TD 229EC 4VM	92	CA4202	CA4202SY	PH2801B	C11860ZP						
980 (4x4) - MWM TD 229/4	86	CA3291A	CA3291SY	PH2801B	C11860ZP		P5573				
980 - MWM D 229	86->	CA3295	CA3295SY	PH2842	C11860ZP		P5573				
985 (4x4) - MWM D 229EC	92	CA4202	CA4202SY	PH2801B	C11860ZP						
985 (4x4) - MWM TD 229EC 4TA		CA3291A	CA3291SY	PH2801B	C11860ZP						
985 - MWM		CA4202	CA4202SY	PH2801B	C11860ZP						
985 - VALMET 420DS IMP	94->	CA3295	CA3295SY	PH9748	C1191	C1191					
BF65 Valtra 320D		CA9745	CA9745SY		C1191	C1191					
BF75 Valtra 320		CA9745	CA9745SY		C1191	C1191					
BH140 Valtra 620DS		CA9746	CA9746SY	PH9748	C1191	C1191					
BH160 Valtra 620DS		CA9746	CA9746SY	PH9748	C4163	C4163					
BH180 Valtra 620DS		CA9746	CA9746SY	PH9748	C4163	C4163					
BL77 Valtra 320DRS				PH9748	C1191	C1191					
BL88 Valtra 320DRS				PH9748							
BM100 Valtra 420DS		CA4202	CA4202SY	PH9748	C1191	C1191					
BM110 Valtra 420DS		CA3291	CA3291SY	PH9748	C1191	C1191					
BM120 Valtra 620D		CA3295	CA3295SY	PH9748	C1191	C1191					
BM85 Valtra 420D		CA3295	CA3295SY	PH9748	C1191	C1191					