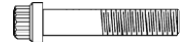


PERKINS



ENGINE: G4.236
After U106654N

BORE: 3.877"	4 Cyl	Gas / LPG	Notes: Flanged Liners wo/Fire Dam, Has Balancer
APPLICATION: Forklifts: Clark (LE70271, LE70236, LE70318); C500S80 (LE70175); C500Y60 (LE22376, LE80173) Forklifts: Clark C500H60, C500H70, C500H80, C500YS80 (LE70157);			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	974168	In-Frame Kit					I
	1	975168	Out-of-Frame Kit				O	
	1	976168	Major Kit			M		
	1	977168	Premium Kit (Basic Valve Kit Included)		P			
	4	171116	Sleeve & Piston Asb (Flanged Liner / No Fire Dam)		P	M	O	I
	4	171288	Piston Assembly					
	4	171131	STD Liner (Flanged/No Fire Dam/Finished/4.103" OD) (1)					
	4	171361	STD Liner (Flg/No Fire Dam/Semi-Finished/4.105" OD) (2)					
	4	171468	005 Liner Shim					
	4	171291	Piston Ring Set (3-3/32 1-1/4)					
	4	271151	STD Rod Bearing		P	M	O	I
	4	271152	.010 Rod Bearing					
	4	271153	.020 Rod Bearing					
	4	271154	.030 Rod Bearing					
	4	271155	.040 Rod Bearing					
	4	271156	.050 Rod Bearing					
	4	271157	.060 Rod Bearing					
	1	271161	STD Main Bearing Set, wo/Thrust Washers		P	M	O	I
	1	271162	.010 Main Bearing Set, wo/Thrust Washers					
	1	271163	.020 Main Bearing Set, wo/Thrust Washers					
	1	271164	.030 Main Bearing Set, wo/Thrust Washers					
	1	271165	.040 Main Bearing Set, wo/Thrust Washers					
	1	271166	.050 Main Bearing Set, wo/Thrust Washers					
	1	271167	.060 Main Bearing Set, wo/Thrust Washers					
	1	271119	STD Thrust Washer Set		P	M	O	I
	1	271125	.007 Thrust Washer Set					
	1	271126	.010 Thrust Washer Set					
	1	371296	Head Gasket Set (Heat Shield Manifold Gasket)		P	M	O	I
	1	371116	Head Gasket					
	1	371117	Valve Cover Gasket					
	8	371143	Valve Seal					
	1	371287	Lower Gasket Set wo/Seals		P	M	O	
	1	371149	Timing Cover Gasket					
	1	371282	Pan Gasket					I
	1	371146	Front Crank Seal (Viton Lip Type) (3)		P	M	O	
	1	371145	Rear Crank Seal (Viton Lip Type) (4)		P	M	O	
	1	771159	Rear Block Bridge Piece					
	4	271238	Pin Bushing (1.000" Pin)		P	M		
	1	271127	Cam Bearing (Finished ID)		P	M		
	8	771151	Connecting Rod Bolt		P	M		
	8	771148	Connecting Rod Nut		P	M		
	1	771293	Head Bolt Kit					

(1)OS Finished Liner: .010 - 171362

(2)OS Semi-Finished Liner: .020 - 171363

(3)Wear Sleeve - 301115

(4)Lip Seal Housing Gasket - 371187 / Wear Sleeve - 301143

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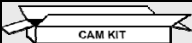
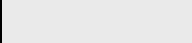
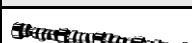
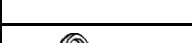
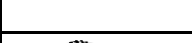
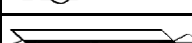
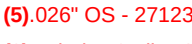
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PERKINS



ENGINE: G4.236
After U106654N

BORE: 3.877"	4 Cyl	Gas / LPG	Notes: Flanged Liners wo/Fire Dam, Has Balancer
APPLICATION: Forklifts: Clark (LE70271, LE70236, LE70318); C500S80 (LE70175); C500Y60 (LE22376, LE80173) Forklifts: Clark C500H60, C500H70, C500H80, C500YS80 (LE70157);			

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	979518	Camshaft Kit					C
	1	979317	Basic Valve Kit					B
	1	979117	Valve Train Kit					V
	1	571169	Camshaft "Cam Bolt Lock Plate - 571162"					C
	1	271249	Camshaft Thrust Washer (1.750 X 2.873 X .217) (5)					C
	8	571123	Tappet					C
	4	471211	STD Exhaust Valve (1.440 Hd Dia / 5.000 OAL / 45°)		V		B	
	4	471215	STD Intake Valve (1.740 Hd Dia / 4.839 OAL / 45°)		V		B	
	4	471132	Exhaust Guide		V		B	
	4	471131	Intake Guide		V		B	
	8	471134	Outer Valve Spring (8 Coils / 2.500" Free Length)		V		B	
	8	471133	Inner Valve Spring (9 Coils / 2.000" Free Length)		V		B	
	8	471229	Spring Seat		V		B	
	4	471221	Exhaust Rotator		V			
	4	471222	Spring Retainer					
	16	471146	Keeper (Half)		V		B	
	4	471223	Exhaust Seat					
	4	471224	LH Rocker Arm (Adjusting Screw & Lock Nut Not Included)					
	4	471225	RH Rocker Arm (Adjusting Screw & Lock Nut Not Included)					
	8	471226	Adjusting Screw (6)					
	1	471227	Rocker Arm Shaft (7) "Includes 471176 Plugs"					
	1	571172	Cam Gear: LE70157,70175,70236,70271,70318 (Cast / 56T)					
	1	571171	Cam Gear: LE22376, LE80173 (Steel / 56 Teeth)					
	1	571113	Crank Gear: LE70157, 70175, 70236, 70271, 70318 (28 T)					
	1	571166	Crank Gear: LE22376, LE80173 (Steel / 28 Teeth)					
	1	571163	Idle Gear: LE70157,70175,70271,70318 (Steel/63 Teeth) (8)					
	1	571167	Idle Gear: LE22376, LE80173 (Steel / 63 Teeth) (9)					
	1	571145	Idle Gear Hub: LE70157, LE70175, LE70271, LE70318					
	8	571117	Push Rod					
	1	671142	Oil Pump Kit (Gears,Shaft,Plate,Valve,Spring,Cap,Gkts)					
	1	671143	Oil Pump Body, w/LH Oil Filter (Cast Gear Housing)					
	1	671146	Oil Pump Inlet Strainer					
	1	771132	Crank Kit (Spline Nose / Lip Seal)					
	4	771285	Connecting Rod (1.000" Pin)					
	1	771283	Cylinder Head Assembly (Includes Valves & Springs)					
	1	771286	Expansion Plug Kit: Thru U280718S (19 Head&Block Plugs)					
	1	771294	Expansion Plug Kit: After U280718S (20 Head&Block Plugs)					
	1	771165	Balancer Kit (3 Shafts, 2 Gears, 4 Bearings 2-Keys)					
	2	771197	Balancer Gear (3 Bolt / 1.375 ID / 30T)					
	1	871222	Thermostat: Except LE70175, LE70271, LE70318 (2.125")					
	1	871162	Thermostat: LE70175, LE70271, LE70318 (2.125")					
	1	871216	New Water Pump wo/Pulley: Except Below					
	1	871147	New Water Pump wo/Pulley: LE70175, LE70271, LE70318					

(5).026" OS - 271239 (1.750 X 2.873 X .243 Recessed Face) (6)Lock Nut - 571139 (7)Rocker Arm Shaft Snap Ring - 471228

(8)Includes 2 Idle Gear Bushings - 571144

(9)Idle Gear Needle Bearing - 571168

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