

GP5145LS SPARE PARTS LIST

<u>ITEM</u>	<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>ITEM</u>	<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	13266	Crankcase	1	40A	06146	Grooved Ring	3
2	13000	Oil Filler Plug Assembly	1	40B	03331	Scraper	3
3	05943	Oil Sight Glass Assembly	1	40C	03745	Support Ring	6
4	13267	Crankcase Cover	1	41	05161-0100	Sleeve Support Ring	3
5	13268	O-Ring	1	42	13297	Tension Spring	3
8	07105	Oil Dip Stick	1	43	03746	Valve Casing	1
9	01009	O-Ring, Dip Stick	1	44	07109	Plug, 1/2" BSP	1
10	07008	Inner Hexagon Screw	4	45	06272	Copper Washer, 1/2" BSP	1
11	06725	Spring Washer	4	46	13302	Suction Valve Assembly	3
12	07703	Drain Plug, 3/4" BSP	1	46A	12055	O-Ring	3
13	07704	Gasket, Drain Plug	1	46B	08059	O-Ring	3
14	13271	Bearing Cover	2	46C	13304	Suction Valve Seat	3
15	13272	Radial Shaft Seal	2	46D	13306	Valve Plate	3
16	08182	O-Ring	2	46E	13307	Valve Spring	3
17	13358	Hexagon Screw	8	46F	13308	Spring Tension Cap	3
18	06725	Spring Washer	8	46G	13309	Spacer Pipe	3
20	13206	Taper Roller Bearing	2	47	13311	Discharge Valve Assembly	3
20A	13207	Shim, 0.1mm	1-5	47A	13289	O-Ring	3
20B	04723	Shim, 0.15mm	1-5	47B	07700	O-Ring	3
20C	04724	Shim, 0.2mm	1-5	47C	13314	Discharge Valve Seat	3
21	13273	Shaft Protector	1	47D	13306	Valve Plate	3
22	03739	Crankshaft	1	47E	13307	Valve Spring	3
23	13275	Fitting Key	1	47F	13308	Spring Tension Cap	3
24	13276	Connecting Rod Assembly	3	48	13316	Plug	3
25	13279	Crosshead Assembly	3	48A	07008	Inner Hexagon Screw	12
28	13281	Crosshead Pin	3	48B	07740	O-Ring	3
29A	03740	Centering Sleeve	3	48C	07232	Pressure Spring	3
29B	05157	Plunger Pipe	3	49	03747	Cylinder Socket Screw	8
29C	03741	Tensioning Screw	3	52	13362	Disc for Crankshaft	1
29D	07161A-0100	Steel Seal Ring	3	53	13358	Hexagon Screw	1
30	13282	Oil Scraper	3	54	06626	Plug, 1" NPT	1
31	13284	Radial Shaft Seal	3	55	06627	Plug, 1-1/2" NPT	2
35	03742	Seal Sleeve	3	56	07623	Eye Bolt	1
35A	13286	O-Ring	3	56A	22610	Plug, 1/4" NPT	3
37	06145-0100	Seal Case	3	64	03441	Hose, Teflon, 1000mm	1
39	03743	Pressure Ring	3	68	04785	Push-in Joint	8
40	03744	V-Sleeve	3				

GP5145LS REPAIR KITS

Plunger Packing Kit

#

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty.</u>
35A	13286	O-Ring	3
35B	08183	O-Ring	3
36	13290	Grooved Ring	3
40	13294	V-Sleeve	6

Oil Seal Kit

#09230

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
31	13284	Oil Seal	3

Valve Assembly Kits

Inlet Valve Kit, #09231

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
46A	12055	O-Ring	1
46B	08059	O-Ring	1
46C	13304	Valve Seat	1
46D	13306	Valve Plate	1
46E	13307	Valve Spring	1

Discharge Valve Kit, # 09232

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
47A	13289	O-Ring	1
47B	07700	O-Ring	1
47C	13314	Valve Seat	1
47D	13306	Valve Plate	1
47E	13307	Valve Spring	1

Complete Valve Repair Kit, #09812

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
46A	12055	O-Ring	3
46B	08059	O-Ring	3
46C	13304	Inlet Valve Seat	3
46D	13306	Valve Plate	3
46E	13307	Valve Spring	3
46F	13308	Spring Tension Cap	3
46G	13309	Spacer Pipe	3
47A	13289	O-Ring	3
47B	07700	O-Ring	3
47C	13314	Discharge Valve Seat	3
47D	13306	Valve Plate	3
47E	13307	Valve Spring	3
47F	13308	Spring Tension Cap	3
48B	07740	O-Ring	3

GP5145LS Series Torque Specifications and Lubrication Information

Position	Lubrication	Torque Amount
1	Molycote CU-Paste	
3	Loctite 572	22 ft.-lbs. (30 Nm)
10		33 ft.-lbs. (45 Nm)
12		74 ft.-lbs. (100 Nm)
17		33 ft.-lbs. (45 Nm)
24		22 ft.-lbs. (30 Nm)
29C	Loctite 243	22 ft.-lbs. (30 Nm)
31	Loctite 403	
48A	Pro Pack 550	35 ft.-lbs. (47 Nm)
49		89 ft.-lbs. (120 Nm)