GP5142 SPARE PARTS LIST

ITEM	PART	DESCRIPTION	QTY.	ITEM	PART	DESCRIPTION	QTY.
1	13266A	Crankcase	1	35	04325	Seal Sleeve	3
1A	05225	Head of Oil Dipstick	1	35A	08183	O-Ring	3
1B	01009	O-Ring	1	35B	13286	O-Ring	3
2	13000	Oil Filler Plug Assembly	1	36	04323	Grooved Ring	3
3	05943	Oil Sight Glass Assembly	1	39	07744	Pressure Ring	3
4	13267	Crankcase Cover	1	40	07745	V-Sleeve	6
5	13268	O-Ring	1	41	07746	Sleeve Support Ring	3
6A	07223-0100	Spring Washer	2	42	13297	Tension Spring	3
6B	05051	Hexagon Screw	2	43	13300	Valve Casing	1
7	04334	Drip Pan	1	44	07109	Plug, 1/2” BSP	1
8	07603	Oil Dip Stick Assembly	1	45	06272	Copper Washer, 1/2” BSP	1
9	01009	O-Ring, Dip Stick	1	46	13302	Suction Valve Assembly	3
10	07008	Inner Hexagon Screw	4	46A	12055	O-Ring	3
11	06725	Spring Washer	4	46B	08059	O-Ring	3
12	07703	Drain Plug, 3/4” BSP	1	46C	13304	Suction Valve Seat	3
13	07704	Gasket, Drain Plug	1	46D	13306	Valve Plate	3
14	13271	Bearing Cover	2	46E	13307	Valve Spring	3
15	13272	Radial Shaft Seal	2	46F	13308	Spring Tension Cap	3
16	08182	O-Ring	2	46G	13309	Spacer Pipe	3
17	13358	Hexagon Screw	8	47	13311	Discharge Valve Assembly	3
18	06725	Spring Washer	8	47A	13289	O-Ring	3
20	13206	Taper Roller Bearing	2	47B	07700	O-Ring	3
20A	13207	Shim, 0.1mm	1-5	47C	13314	Discharge Valve Seat	3
20B	04723	Shim, 0.15mm	1-5	47D	13306	Valve Plate	3
20C	04724	Shim, 0.2mm	1-5	47E	13307	Valve Spring	3
21	13273	Shaft Protector	1	47F	13308	Spring Tension Cap	3
22	13274	Crankshaft	1	48	13316	Plug	3
23	13275	Fitting Key	1	48A	07008	Inner Hexagon Screw	12
24	13276	Connecting Rod Assembly	3	48B	07740	O-Ring	3
25	13279	Crosshead Assembly	3	48C	07232	Pressure Spring	3
28	13281	Crosshead Pin	3	49	13339	Inner Hexagon Screw	8
29A	07125	Centering Sleeve	3	52	13362	Disc for Crankshaft	1
29B	07736	Plunger Pipe	3	53	13358	Hexagon Screw	1
29C	13031	Tensioning Screw	3	54	06626	Plug, 1” NPT	1
29D	07755	Copper Ring	3	55	06627	Plug, 1-1/2” NPT	2
30	13282	Oil Scraper	3	56	07623	Eye Bolt	1
31	13284	Radial Shaft Seal	3	56A	22610	Plug, 1/4” NPT	3

GP5142 Pump
Torque Specifications and Lubrication Information

Position	Item #	Description	Lubricatin Info	Torque Amount
1	13266	Crankcase	Molycote Cu-Paste	
3	05943	Oil Sight Glass Assembly	Lectite 572	22 ft.-lbs. (30 Nm)
10	07008	Inner Hexagon Screw		33 ft.-lbs. (45 Nm)
12	07703	Drain Plug, 3/4” BSP		74 ft.-lbs. (100 Nm)
17	13358	Hexagon Screw		33 ft.-lbs. (45 Nm)
24	13276	Connecting Rod Assembly		22 ft.-lbs. (30 Nm)
29C	13031	Tension Screw, Plunger	Loctite 243	22 ft.-lbs. (30 Nm)
31	13284	Radial Shaft Seal	Loctite 403	
48A	07008	Inner Hexagon Screw, Plug	Pro Pack 550	35 ft.-lbs. (47 Nm)
49	13339	Inner Hexagon Screw, Valve Casing		89 ft.-lbs. (120 Nm)

GP5142 REPAIR KITS

Plunger Packing Kits - #09767

Item	Part#	Description	Qty.
35A	08183	O-Ring	3
35B	13286	O-Ring	3
36	04323	Grooved Ring	3
40	07745	V-Sleeve	6

Oil Seal Kit - #09230

Item	Part #	Description	Qty.
31	13284	Oil Seal	3

Valve Assembly Kits

Inlet Valve Kit, GP5100 Series, #09231

Item	Part #	Description	Qty.
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, GP5100 Series, # 09232

Item	Part #	Description	Qty.
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

Item	Part #	Description	Qty.
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