

## GP5136GBHS & GP5145GBHS 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	03248	Crankcase	1	46	13302	Suction Valve Assembly	3
2	13000	Oil Filler Plug Assembly	1	46A	12055	O-Ring	3
3	05943	Oil Sight Glass Assembly	1	46B	08059	O-Ring	3
4	13267	Crankcase Cover	1	46C	13304	Suction Valve Seat	3
5	13268	O-Ring	1	46D	13306	Valve Plate	3
7	04334	Drip Pan	1	46E	13307	Valve Spring	3
8	07105	Oil Dip Stick Assembly	1	46F	13308	Spring Tension Cap	3
9	01009	O-Ring, Dip Stick	1	46G	13309	Spacer Pipe	3
10	07008	Inner Hexagon Screw	8	47	13311	Discharge Valve Assembly	3
11	06725	Spring Washer	8	47A	13289	O-Ring	3
12	07703	Drain Plug, 3/4" BSP	1	47B	07700	O-Ring	3
13	07704	Gasket, Drain Plug	1	47C	13314	Discharge Valve Seat	3
14	03249	Bearing Cover	1	47D	13306	Valve Plate	3
14A	03250	O-Ring	4	47E	13307	Valve Spring	3
15	08439	Lid	1	47F	13308	Spring Tension Cap	3
16	08380	O-Ring	1	48	13316	Plug	3
20	13206	Taper Roller Bearing	2	48A	07008	Inner Hexagon Screw	12
20A	13207	Shim, 0.1mm	1-5	48B	07740	O-Ring	3
20B	04723	Shim, 0.15mm	1-5	48C	07232	Pressure Spring	3
20C	04724	Shim, 0.2mm	1-5	49	13339	Inner Hexagon Screw	8
22	03251	Crankshaft	1	54	06626	Plug, 1" NPT	1
23	03252	Fitting Key	1	55	06627	Plug, 1-1/2" NPT	2
24	13276	Connecting Rod Assembly	3	56	07623	Eye Bolt	1
25	13279	Crosshead Assembly	3	56A	22610	Plug, 1/4" NPT	3
28	13281	Crosshead Pin	3	101	03257	Bottom Casing for Gear	1
29A	07125	Centering Sleeve	3	102	03195	Top Casing for Gear	1
29B	13022	Plunger Pipe (GP5136)	3	103	03196	O-Ring	1
29B	13282	Plunger Pipe (GP5145)	3	104	03253	Centering Ring	1
29C	13031	Tensioning Screw	3	105	03315	Gearwheel Set, 1.75:1	1
29D	07755	Copper Ring	3	105	03329	Gearwheel Set, 2.0:1	1
30	13282	Oil Scraper	3	105	03290	Gearwheel Set, 2.75:1	1
31	13284	Radial Shaft Seal	3	106	03199	Cylinder Roller Bearing	1
35	13288	Seal Sleeve (GP5136)	3	107	03200	Cylinder Roller Bearing	1
35	13287	Seal Seleve (GP5145)	3	108	03201	Shim, 0.1 mm	1-2
35A	08183	O-Ring (GP5136)	3	109	07249	Shim, 0.1 mm	1-2
35A	13289	O-Ring (GP5145)	3	110	05058	Radial Shaft Seal	1
35B	13289	O-Ring (GP5136)	3	111	04774	Cylindrical Pin	3
35B	08183	O-Ring (GP5145)	3	112	03202	Hexagon Socket Screw	8
36	13291	Grooved Ring (GP5136)	3	113	03255	Spacer Ring for Gear	1
36	13290	Grooved Ring (GP5145)	3	114	07008	Hexagon Socket Screw	4
39	07142	Pressure Ring (GP5136)	3	115	08041	Washer	8
39	13293	Pressure Ring (GP5145)	3	116	08380	O-Ring	1
40	07144	V-Sleeve (GP5136)	6	117	13362	Disc for Crankshaft	1
40	13294	V-Sleeve (GP5145)	6	118	13358	Hexagon Screw	1
41	07146	Sleeve Support Ring (GP5136)	3	119	07109	Plug, 1/2" BSP	2
41	13296	Sleeve Support Ring (GP5145)	3	120	06272	Copper Seal Ring, 1/2"	2
42	07147	Tension Spring (GP5136)	3	121	03291	Flange for Gearbox	1
42	13297	Tension Spring (GP5145)	3	122	03292	Centering Ring	1
42A	13298	Spring Guide (GP5136 only)	3	123	03293	Hexagon Socket Screw	1
43	13300	Valve Casing	1	124	03294	Ring for Speed Sensor	1
44	07109	Plug, 1/2" BSP	1	125	03295	Magnet for Speed Sensor	1
45	06272	Copper Seal Ring, 1/2"	1	126	03296	Clip Ring	1
				127	03297	Plug	1

## GP5136GBHS & GP5145GBHS REPAIR KITS

### Plunger Packing Kits

<b>GP5136</b>		<b>#09229</b>	
<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Qty.</u>
35A	08183	O-Ring	3
35B	13289	O-Ring	3
36	13291	Grooved Ring	3
40	07144	V-Sleeve	6

<b>GP5145</b>		<b>#09228</b>	
<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

<b>Inlet Valve Kit #09231</b>			
<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

<b>GP5136GBHS &amp; GP5145GBHS Pump Torque Specifications and Lubrication Information</b>		
<b>Position</b>	<b>Lubrication</b>	<b>Torque Amount</b>
1	Molycote Cu-Paste	
3	Loctite 572	22 ft.-lbs (30 Nm)
10		33 ft.-lbs. (45 Nm)
12		74 ft.-lbs. (100 Nm)
24		22 ft.-lbs. (30 Nm)
29C	Loctite 243	22 ft.-lbs. (30 Nm)
31	Loctite 403	
48A		35 ft.-lbs. (47 Nm)
49		89 ft.-lbs. (120 Nm)