

## Parts List - GP8176

<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	05651	Crankcase	1	45	03569	Seal Tension Spring	3
2	06893	Oil Filler Plug Assy. with Vent	1	49	05072	Stud Bolt	8
3	05652	Rear Foot for Crankcase	2	49A	05073	Hexagon Nut	8
4	05653	Front Foot for Crankcase	2	50	03570	Valve Casing	1
5	05654	Hexagon Socket Screw	4	50A	13162	Centering Stud	2
6	05655	Hexagon Socket Screw	4	50B	03571	Discharge Casing	1
7	05656	Plug, 3/8" for Oil Dipstick	1	51	03572	Valve Assembly	6
8	04185	Oil Dipstick Assembly	1	51A	03573	Spring Tension Cap	6
9	01009	O-Ring	1	51B	03574	Valve Seat	6
10	05657	Plug M33 X 1.5	1	51C	03575	Valve Plate	6
11	07102	O-Ring	1	51D	06560	O-Ring	6
12	12256	Plug, 1/2" BSP	3	51E	05080	Valve Spring	3
13	22929	Copper Washer	4	51F	03434	O-Ring	6
14	05036	Bearing Cover Closed	1	56	03576	Discharge Valve Adaptor	3
16	05037	O-Ring	1	56A	04955	O-Ring	3
17	05038	Hexagon Socket Screw M12	8	56B	13156	O-Ring	3
18	05039	Spring Ring	8	57	05086	Pressure Spring	3
19	05765	Flange	1	57A	07210-0100	Pressure Spring	3
19A	05766	Hexagon Socket Screw	6	58	05087	Hexagon Socket Screw	12
20	05658	Tapered Roller Bearing	1	59	07109	Plug, 1/2" BSP	2
21	05659	Tapered Roller Bearing	1	59A	06272	Copper Seal	2
21A	05042	Fitting Disc	3	60	13322	Plug, 1-1/2" BSP	1
21B	05043	Fitting Disc	3	61	05088	Plug, 3" BSP	1
21C	05113	Fitting Disc	3	62	05302	Plug, 1/4" BSP	6
22	05741	Crankshaft For Gear	1	62A	06934	Copper Gasket	6
23	05661	Fitting Key	1	66	03193	Gear Cover	1
24	05047	Connecting Rod Assembly	3	67	08484	Hexagon Screw	11
25	05048	Crosshead c/w Plunger	3	67A	08041	Washer	11
28	05049	Crosshead Pin	3	68	04445	Cylinder Pin	2
29	05051	Hexagon Screw	6	69	04171	Gear Wheel Set (1500 RPM=2.6)	1
29A	07408	Hexagon Nut	2	69	04170	Gear Wheel Set (1800 RPM=3.1)	1
29B	05383	Bracket 2 for Cooling Hose	2	69	05767	Gear Wheel Set (2200 RPM=3.8)	1
29C	05662	Support Clamp	2	69	05666	Gear Wheel Set (2600 RPM=4.5)	1
29D	05381	Bracket 1 for Cooling Hose	1	70	07614	Fitting Key	1
30	05052	Cover Plate	1	71	04571	Spacer Ring	1
30A	07225-0100	Hexagon Screw	5	72	05667	Hexagon Screw	1
30B	13136	Grommet	5	73	05608	Shaft Seal Ring for Gear	1
30C	08280	Washer	9	74	05668	Self-Aligning Roller Bearing	1
30D	05050	Splash Cover	1	75	05669	Roller Bearing	1
31	07623	Eye Bolt	4	75A	05670	Fitting Disc	1
32	05058	Radial Shaft Seal	3	76	03309	Gear Seal	1
32A	03118	Scraper	3	78	05025	Oil Cooler (Items K1 - K19)	1
33	03119	Seal Retainer	3	79	07662	Valve Puller (Not Shown)	1
33A	05056	O-Ring	3	K1	05026	Cooling Vane Plate	1
33B	05054	Clip Ring	3	K2	05027	Seal for Gear Cover	2
33C	05059	Fitting Disc	3	K3	05028	Gear Cover	1
34	03560	Oil Shield	3	K4	05029	Hexagon Hd Cntrsnsk Screw	4
36A	05063	Plunger Pipe Cover	3	K5	07381	Hexagon Socket Screw	8
36B	03561	Plunger Pipe	3	K6	08041	Washer	8
36C	03562	Tension Screw	3	K7	05030	Connection for Oil Cooler	1
36D	03577	Copper Washer	3	K8	06272	Copper Seal	6
36E	06900	Centering Sleeve	3	K9	07109	Plug, 1/2" BSP	2
36F	22704	O-Ring	3	K10	05031	Connecting Branch	3
36G	12092	O-Ring	3	K11	05032	U-Joint Connector c/w Nut	3
38	03563	Seal Case	3	K12	05033	Tube for Cooler	2
38A	03364	O-Ring	6	K13	05402	Hose Clamp	4
39	03565	Seal Sleeve	3	K14	05403	Hose Guard	2
39A	05066	O-Ring	3	K15	05404	Hose Coupling Nut	1
40	03566	Support Ring	6	K16	05405	Flat Gasket	4
41	03567	Guide Ring	6	K18	04158	Hexagon Socket Screw	4
42	03568	Coiled Packing Ring	6	K19	05053	Washer	4

## Pump Repair Kits - GP8176

### Plunger Packing Kit - # 09861

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
38A	03364	O-Ring	6
39A	05066	O-Ring	3
40	03566	Support Ring	6
41	03567	Guide Ring	6
42	03568	Coiled Packing Ring	6

### Valve Repair Kit - #09862

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
51B	03574	Valve Seat	6
51C	03575	Valve Plate	6
51D	06560	O-Ring	6
51E	05080	Valve Spring	6
51F	03434	O-Ring	6
56A	04955	O-Ring	6
56B	13156	O-Ring	3

### Oil Seal Kit

#### #09584A

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
32	05058	Radial Shaft Seal	3
32A	03118	Scraper	3
33A	05056	O-Ring	3

<b>GP8176 TORQUE SPECIFICATIONS</b>					
<b>Item</b>	<b>Part #</b>	<b>Thread</b>	<b>Description</b>	<b>Lubricaion Info</b>	<b>Torque Amount</b>
12	12256	1/2" BSP	Plug, 1/2" BSP		29.5 ft.-lbs. (40 Nm)
17	05038	M12	Hexagon Socket Screw		64 ft.-lbs. (87 Nm)
24	05047	M10	Connecting Rod Assembly		36.9 ft.-lbs. (50 Nm)
32	05058		Radial Shaft Seal	Loctite 403	
39	03565		Seal Sleeve	Anti-Seize 350 Crankcase Outside	
49	05072		Stud Bolt	Loctite 648 Crankcase Side	
49A	05073	M20	Hexagon Nut		265.5 ft.-lbs. (360 Nm)
58	05087	M14	Hexagon Socket Screw	Anti-Seize 350	132.8 ft.-lbs. (180 Nm)
59	07109	1/2" BSP	Plug, 1/2" BSP		29.5 ft.-lbs. (40 Nm)
67	08484	M10	Hexagon Screw		59 ft.-lbs. (80 Nm)
K4	05029	M6	Hexagon Head Countersunk Screw		106.2 in.-lbs. (12 Nm)
K5	07381	M10	Hexagon Socket Screw		33 ft.-lbs. (45 Nm)
K9	07109	1/2" BSP	Plug, 1/2" BSP		29.5 ft.-lbs. (40 Nm)
K18	04158	M6	Hexagon Socket Screw		106.2 in.-lbs. (12 Nm)