

PARTS LIST - GP7145-5000 and GP7255A-5000

<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	07600	Crankcase	1	38	13155	Seal Case, GP7255A	3
1A	05525	Head for Oil Dipstick	1	38A	13156	O-Ring for 38	3
1B	01009	O-Ring	1	38B	06258	O-Ring for 38, GP7145	3
2	13000	Oil Filler Plug Assembly	1	38B	07721	O-Ring for 38, GP7255A	3
4	07601	Crankcase Cover	1	39	06171	Seal Sleeve, GP7145	3
5	07602	Gasket,Crankcase Cover	1	39	13157	Seal Sleeve, GP7255A	3
8	07603	Oil Dip Stick	1	39A	13290	Grooved Ring, GP7145	3
9	01009	O-Ring, Dip Stick	1	39A	07723	Grooved Ring, GP7255A	3
10	22706	Hexagon Screw	8	40	07797	Support Disc, GP7255 only	3
11	06725	Spring Washer	8	41	13296	Support Ring, GP7145	3
12	07109	Drain Plug	3	41	13158	Support Ring, GP7255A	3
13	07182	Gasket, Drain Plug	2	42	13294	V-Sleeve, GP7145	9
14	05644	Bearing Cover	2	42	07711	V-Sleeve, GP7255A	6
15	07608	Radial Shaft Seal	2	43	13293	Pressure Ring, GP7145	3
16	07184	O-Ring	2	43	07712	Pressure Ring, GP7255A	3
17	05642	Inner Hexagon Screw	8	45	13297	Tension Spring, GP7145 only	3
18	05039	Spring Washer	8	49	13159	Stud Bolt	8
20	07610	Taper Roller Bearing	2	49A	13160	Hexagon Nut	8
20A	07611	Fitting Disc (Shim)	1-5	50	07790-5000	Inlet Valve Casing	1
21	05645	Holder for Shaft Protector	1	50A	13162	Cylinder Stud	2
21A	05646	Shaft Protector	1	50B	07790A-5000	Discharge Valve Casing	1
22	13405	Crankshaft	1	51	05594	Valve Assembly	6
23	07614	Key	1	51A	05595	Spring Tension Cap	6
24	13182	Connecting Rod Assembly	3	51B	05450	Valve Spring	6
25	13183	Crosshead Assembly	3	51C	05247	Valve Plate	6
28	13184	Crosshead Pin	3	51D	05596	O-Ring	6
30	07619	Cover Plate	1	51E	05597	Valve Seat	6
30A	07225-0100	Hexagon Screw	8	51F	05166	O-Ring	6
30B	13136	Grommet	4	55	05647	Valve Spacer	3
30C	08280	Disc	8	56	13167-0100	Valve Adapter	3
30D	13154	Cover Plate	1	56A	07658	O-Ring	3
31	07623	Eye Bolt	1	56B	07635	Support Ring	3
32	07624	Radial Shaft Seal	3	56C	13166	Support Ring	3
33	07626	Seal Retainer	3	56D	07653	O-Ring	3
33A	07627	O-Ring	3	57	13173	Tension Spring	3
33B	07628	Circlip	3	58	05223	Inner Hexagon Screw	12
33C	07249	Fitting Disc	3	59A	06807	Steel Ring	3
34	13137	Oil Scraper	3	59B	07109-0400	Plug, 1/2" BSP	3
36	06165	Plunger Pipe Assembly (36A-D), GP7145	3	60	13151-0100	Plug, 1-1/4" BSP	1
36	07706	Plunger Pipe Assembly (36A-D), GP7255A	3	61	12568	Plug, 2-1/2" BSP	1
36A	07667	Plunger Connection	3	66	13362	Disc For Crankshaft	1
36B	05157	Plunger Pipe, GP7145	3	67	13358	Hexagon Screw	1
36B	07666	Plunger Pipe, GP7255A	3		07662	Valve Tool (Not Shown)	1
36C	06166	Tension Screw, GP7145	3		05210	Plunger Conversion Assy. (36-45), GP7145	1
36C	07664	Tension Screw, GP7255A	3		05211	Plunger Conversion Assy., (36-45), GP7255A	1
36D	07665	Steel Ring	3		17212	Crankcase Assembly, (2x12/1-34/49/49A/52A/66/67)	1
38	06167	Seal Case, GP7145	3				

Repair Kits - GP7145-5000 and GP7255A-5000

Plunger Packing Kit - GP7145-5000

09603

Item	Part #	Description	Qty.
38A	13156	O-Ring	3
38B	06258	O-Ring	3
39A	13290	Grooved Ring	3
41	13296	Support Ring	3
42	13294	V-Sleeve	9

Oil Seal Kit

09221

Item	Part #	Description	Qty.
32	07624	Radial Shaft Seal	3
33A	07627	O-Ring	3

Valve Repair Kit

09659

Item	Part #	Description	Qty.
51	05594	Inlet Valve Assembly	1
56A	07658	O-Ring	1
56B	07635	Support Ring	1

Plunger Packing Kit - GP7255A-5000

09220

Item	Part #	Description	Qty.
38A	13156	O-Ring	3
38B	07721	O-Ring	3
39A	07723	Grooved Ring	3
41	13158	Support Ring	3
42	07711	V-Sleeve	6

GP7145-5000 AND GP7255A-5000 Torque Specifications

Position	Description	Thread	Lubrication Info	Torque Amount
10	Hexagon Screw	M10		33 ft.-lbs. (45 Nm)
12	Drain Plug	1/2" BSP		59 ft.-lbs. (80 Nm)
15	Radial Shaft Seal		Loctite 403	
17	Inner Hexagon Screw	M12		33 ft.-lbs. (45 Nm)
24	Connecing Rod Assembly	M10		30 ft.-lbs. (40 Nm)
32	Radial Shaft Seal		Loctite 403	
36A	Plunger Connection			33 ft.-lbs. (45 Nm)
36C	Tension Screw	M10	Loctite 243	30 ft.-lbs. (40 Nm)
39	Seal Sleeve		Copper Paste Crankcase Side	
49	Stud Bolt		Loctite 648 Crankcase Side	
49A	Hexagon Nut	M16		133 ft.-lbs. (180 Nm)
58	Inner Hexagon Screw	M14	Anti-Seize 350	107 ft.-lbs. (145 Nm)

Preventative Maintenance Check-List & Recommended Spare Part List

Check	Daily	Weekly	50hr	Every 500 hrs	Every 1500 hrs	Every 3000hrs
Oil Level / Quality	X					
Oil Leaks	X					
Water Leaks	X					
Belts, Pulley		X				
Plumbing		X				
	Recommended Spare Part					
Oil Change (p/n 01154)			X	X		
Plunger Packing Kits(1 kit/Pump)					X	
Oil Seal Kit (1 kit/Pump)					X	
Valve Kit (1 kit/pump)						X