

P460A/P480/P414 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	08377	Crankcase	1	21	07266	O-Ring	3
2	08378	Oil Fill Plug with Gasket	1	23*	06483	Grooved Seal Packing	6
3	06479	Crankcase Cover	1	23A	13036	Spacer Ring	3
3A	07186	Oil Sight Glass w/Gasket	1	24	06484	Pressure Ring	3
4	08380	O-Ring	1	25	06485	Weep Return Ring	3
5	07109	Oil Drain Plug	1	25A	06492	Support Ring	6
5A	06015	O-Ring	1	25B	06487	O-Ring	6
5B	08092	Plug with Gasket	1	26	06488	Valve Casing (P460/P480)	1
6	01010	Screw	4	26	05939	Valve Casing (P414)	1
6A	01011-0400	Spring Washer	4	27A	05543	Valve Assy. (Includes items 27-31)	6
7	05290	Bearing Cover Open	1	27	05541	Valve Seat	6
8	05291	Bearing Cover Closed	1	28	05542	Valve Plate	6
8A	05292	Shim	1	29	07906	Valve Spring	6
8B	05293	Shim	1	30	07907	Valve Spring Retainer	6
9	01016	O-Ring	2	31	07770	O-Ring	6
10	07114	Screw with Washer	8	32	08406-0100	Plug	3
11	07459	Radial Shaft Seal	1	33	07489	O-Ring	3
12	05350	Bearing	2	34	06494	Cap Screw	8
13	08475	Crankshaft, P480	1	36	04369	Plug, 3/8" BSP	1
13	08482	Crankshaft, P460/P414	1	37	08486	Copper Washer	1
14	08091	Fitting Key	1	38	07109-0400	Plug, 1/2" BSP	1
15	08390	Connecting Rod Assy.	3	39	06272	Copper Washer	1
15A	07311	Screw with Washer	6				
16	06480	Plunger Assembly	3				
17	06790	Crosshead Pin	3				
19	05444	Oil Seal	3				
20	05938	Seal Adapter	3				
20A	06482	Seal Case	1				

*Important! If the pump is not used for a long period of time, it is possible the seals (23) could become hard or brittle thus causing the pump to leak when put into operation. If this is the case, we recommend the seals be replaced every 4 years.

P460A/P480/P414 TORQUE SPECIFICATIONS

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Torque Amount</u>
5	07109	Oil Drain Plug	30 ft.-lbs. (40 Nm)
15A	07311	Screw with Washer	98 in.-lbs. (11 Nm)
32	08406-0100	Plug	111 ft.-lbs. (150 Nm)
34	06494	Cap Screw	30 ft.-lbs. (40 Nm)