

## P470H 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	16F	07203	Support Ring	3
2	08378	Oil Fill Plug with Gasket	1	16G	07258	Copper Gasket	3
3	06479	Crankcase Cover	1	17	06790	Crosshead Pin	3
3A	07186	Oil Sight Glass w/Gasket	1	19	08366	Oil Seal	3
4	08380	O-Ring	1	20	06928	Seal Adapter	3
5	07109	Oil Drain Plug	1	20A	08059	O-Ring	3
5A	06015	O-Ring	1	21	06929	Seal Case	3
5B	08092	Plug with Gasket	1	21A	07150	O-Ring	6
6	01010	Screw	4	22	06930	Valve Holder	3
6A	01011-0400	Spring Washer	4	23	06931*	Grooved Seal	6
7	04739	Bearing Cover, Open	1	24	06932	Support Ring	3
7A	03266	Motor Flange	1	25	06933	Intermediate Casing	1
7B	03297	Plug, M12 x 1	1	25B	02009	O-Ring	2
8	05291	Bearing Cover, Closed	1	26	06935	Valve Casing	1
8A	05292	Shim, 0.1 mm	1-3	27A	04365	Valve Assembly	6
9	01016	O-Ring	2	27	06937	Valve Seat	6
10	07114	Hexagon Socket Screw	4	28	06938	Valve Plate	6
10A	07774	Hexagon Socket Screw	4	29	06959	Valve Spring	6
11	07459	Radial Shaft Seal	1	30	06939	Valve Spring Retainer	6
12	05350	Bearing	2	31	07212	O-Ring	6
13	03268	Crankshaft	1	32	08373	Plug	3
13A	04742	Spacer Ring	1	33	07214	O-Ring	3
14	03269	Magnet	1	34	06494	Cap Screw	8
15	08390	Connecting Rod Assembly	3	36	07703	Plug, 3/4" BSP	3
15B	05349	Connecting Rod Screw	3	36A	04529	Copper Ring	3
15C	05348	Adapter Sleeve	3				
16	05933	Plunger Assembly	3				
16A	05352	Plunger Base	3				
16B	06927	Plunger Pipe	3				
16D	08399	Tension Screw	3				
16E	07023	O-Ring	3				

**\*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 these seals be replaced every 4 years.

## P470H REPAIR KITS

### Plunger Packing Kit, #09565

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
20A	08059	O-Ring	3
21A	07150	O-Ring	6
23	06931	Grooved Seal	6
24	06932	Support Ring	3
25B	02009	O-Ring	2

### Valve Assembly Kit, #09566

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
27A	04365	Valve Assembly	6
31	07212	O-Ring	6
33	07214	O-Ring	3

### Oil Seal Kit, #09306

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Qty.</u>
19	08366	Oil Seal	3

## P470H Torque Specifications

<u>Item</u>	<u>Part #</u>	<u>Description</u>	<u>Lubrication Info</u>	<u>Torque Amount</u>
3A	07186	Oil Sight Glass/Gasket	Loctite 5910	106 in.-lbs. (12 Nm)
5	07109	Plug		59 ft.-lbs. (80 Nm)
5B	08092	Plug w/Gasket		59 ft.-lbs. (80 Nm)
6	01010	Screw		110 in.-lbs. (12.5 Nm)
10	07114	Screw with Washer		132 in.-lbs. (15 Nm)
10A	07774	Hexagon Socket Screw		132 in.-lbs. (15 Nm)
15	08390	Connecting Rod Screw		97 in.-lbs. (11 Nm)
16D	08399	Tension Screw	Loctite 243	21 ft.-lbs. (28 Nm)
32	08373	Plug	Loctite 243	125 ft.-lbs. (170 Nm)
34	06494	Cap Screw	Lightly Oil Threads	30 ft.-lbs. (40 Nm)