

P420H and P422H SPARE PARTS LIST

ITEM	PART	DESCRIPTION	QTY.	ITEM	PART	DESCRIPTION	QTY.
1	08377	Crankcase	1	16B	08398	Plunger Pipe, 25mm (P420H)	3
2	08378	Oil Fill Plug with Gasket	1	16B	06247	Plunger Pipe, 22mm (P422H)	3
3	06479	Crankcase cover	1	16D	08399	Tensioning Screw	3
3A	07186	Oil Sight Glass w/ Gasket	1	16E	07023	O-Ring	3
4	08380	O-Ring	1	16F	07203	Backup Ring	3
5	07109	Oil Drain Plug	1	16G	07258	Copper Washer	3
5A	06015	Gasket for Oil Drain Plug	1	16H	06431	Oil Scraper	3
5B	08092	Plug with Gasket	1	17	06790	Crosshead Pin	3
6	01010	Screw	4	19	05444	Oil Seal	3
6A	01011-0400	Spring Washer	4	20	05443	Seal Case (P420H)	3
7	04739	Bearing Cover, Open	1	20	05601	Seal Case (P422H)	3
7A	03266	Motor Flange	1	21	07266	O-Ring	3
7B	03267	Plug, M12 x 1	1	23	12254	V-Sleeve, 25mm (P420H)	3
8	05291	Bearing Cover, Closed	1	23	06249	V-Sleeve with Support Ring, 22mm (P422H)	3
8A	05292	Shim	1-3				
8B	05293	Shim (May not be present)	1-3	23A	06251	Spacer Ring (P422H)	3
9	01016	O-Ring	2	23B	12255	Weep Seal (P420H)	3
10	07114	Screw with Washer	8	23B	13390	Weep Seal (P422H)	3
10A	07774	Hexagon Socket Screw	4	24	08376	Pressure Ring (P420H)	6
11	07459	Radial Shaft Seal	1	24	06252	Pressure Ring (P422H)	3
12	05350	Taper Roller Bearing	2	25	08394	Weep Return Ring (P420H)	3
13	03268	Crankshaft	1	25	06254	Weep Return Ring (P422H)	3
13A	04742	Spacer Ring	1	26	08395	Manifold	1
14	03269	Magnet	1	27A	08408	Valve Assembly (27-31)	6
15	08390	Connecting Rod Assembly	3	27	08370	Valve Seat	6
15B	05349	Connecting Rod Screw	6	28	06791-0100	Valve Plate	6
15C	05348	Adapter Sleeve	6	29	06377-0100	Valve Spring	6
16	05351	Plunger Assembly, P420H (16A-16H)	3	30	08372	Valve Spring Retainer	6
16	05353	Plunger Assembly, P422H (16A-16H)	3	31	07212	O-Ring	6
16A	05352	Plunger Base	3	32	08373	Plug	6
				33	07214	O-Ring	6
				34	08396	Cap Screw	8

P420H and P422H REPAIR KITS

Plunger Packing Kit

P420H - # 09140

Item	Part #	Description	Qty
21	07266	O-Ring	3
23	12254	V-Sleeve	3
23B	12255	Weep Seal	3
24	08376	Pressure Ring	6

Plunger Packing Kit

P422H - # 09295

Item	Part #	Description	Qty
21	07266	O-Ring	3
23	06249	V-Sleeve with Support Ring	3
23B	13390	Weep Seal	3
24	06252	Pressure Ring	3

Valve Assembly Kit

09143

Item	Part #	Description	Qty.
27A	08408	Valve Assembly, Complete	6
33	07214	O-Ring	6

Oil Seal Kit

09641

Item	Part #	Description	Qty
19	05444	Oil Seal	3

P420H and P422H Torque Specifications

Item	Lubrication Information	Torque Amount
3A	Loctite 5910	106 in.-lbs. (12 Nm)
5		59 ft.-lbs. (80 Nm)
5B		59 ft.-lbs. (80 Nm)
6		110 in.-lbs. (12.5 Nm)
10		132 in.-lbs. (15 Nm)
10A		132 in.-lbs. (15 Nm)
15		97 in.-lbs. (11 Nm)
16D	Loctite 243	21 ft.-lbs. (28 Nm)
32	Loctite 243	125 ft.-lbs. (170 Nm)
34	Lightly Oil Threads	30 ft.-lbs. (40 Nm)