

P435H/P455BH SPARE PARTS LIST

| ITEM | PART | DESCRIPTION | QTY. | ITEM | PART | DESCRIPTION | QTY. |
|------|------------|------------------------------|------|------|-------|------------------------------|------|
| 1 | 08377 | Crankcase | 1 | 16A | 05352 | Plunger Base | 3 |
| 2 | 08378 | Oil Fill Plug with Gasket | 1 | 16B | 08397 | Plunger Pipe | 3 |
| 3 | 06479 | Crankcase cover | 1 | 16D | 08399 | Tension 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 | O-Ring 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 | 05534 | Seal Case | 3 |
| 7 | 04739 | Bearing Cover Open | 1 | 21 | 07266 | O-Ring | 3 |
| 7A | 03266 | Motor Flange | 1 | 23 | 08477 | V-Sleeve, 18mm | 6 |
| 7B | 03267 | Plug, M12 x 1 | 1 | 24 | 07929 | Pressure Ring | 3 |
| 8 | 05291 | Bearing Cover Closed | 1 | 25 | 08402 | Weep Return Ring | 3 |
| 8A | 05292 | Shim | 1-3 | 26 | 05574 | Manifold | 1 |
| 8B | 05293 | Shim (May not be present) | 1-2 | 27A | 05543 | Valve Assembly (Items 27-31) | 6 |
| 8C | 05964 | Shim (May not be present) | 1-2 | 27 | 05541 | Valve Seat | 6 |
| 9 | 01016 | O-Ring | 2 | 28 | 05542 | Valve Plate | 6 |
| 10 | 07114 | Screw with Washer | 4 | 29 | 07906 | Valve Spring | 6 |
| 10A | 07774 | Hexagon Socket Screw | 4 | 30 | 07907 | Valve Spring Retainer | 6 |
| 11 | 07459 | Radial Shaft Seal | 1 | 31 | 07770 | O-Ring | 6 |
| 12 | 05350 | Taper Roller Bearing | 2 | 32 | 05544 | Plug | 6 |
| 13 | 03268 | Crankshaft (P435H) | 1 | 33 | 05545 | O-Ring | 6 |
| 13 | 03363 | Crankshaft (P455H) | 1 | 34 | 08484 | Cap Screw | 8 |
| 13A | 04742 | Spacer Ring | 1 | 36 | 13434 | Plug, 1/2" BSP | 1 |
| 14 | 03295 | Magnet | 1 | 36A | 06272 | Copper Washer | 1 |
| 15 | 08390 | Connecting Rod Assembly | 3 | 37 | 07703 | Plug, 3/4" BSP | 1 |
| 16 | 05484 | Plunger Assy.(Items 16A-16H) | 3 | | | | |

P435H/P455BH REPAIR KITS

Plunger Packing Kit - # 09141

| Item | Part# | Description | Qty |
|------|-------|---------------|-----|
| 21 | 07266 | O-Ring | 3 |
| 23 | 08477 | V-Sleeve | 6 |
| 24 | 07929 | Pressure Ring | 3 |

Valve Assembly Kits

P435/P455/P456 - # 09644

| Item | Part # | Description | Qty |
|------|--------|--------------------------|-----|
| 27A | 05543 | Valve Assembly, Complete | 6 |
| 33 | 05545 | O-Ring | 6 |

Oil Seal Kit - #09641

| Item | Part # | Description | Qty |
|------|--------|-------------|-----|
| 19 | 05444 | Oil Seal | 3 |

TORQUE & LUBRICATION SPECIFICATIONS - P435H/P455BH

| Item | Part # | Description | Lubrication Information | Torque Amount |
|------|--------|------------------------|-------------------------|------------------------|
| 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 | 247 in.-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) |