

## PARTS LIST - GP7145(-SSP) and GP7255A(-SSP)

| <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           | 38B         | 07721   | O-Ring for 38, GP7255A(-SSP)                        | 3           |
| 1A          | 05525       | Head for Oil Dipstick                         | 1           | 39          | 06171   | Seal Sleeve, GP7145(-SSP)                           | 3           |
| 1B          | 01009       | O-Ring  | 1           | 39          | 13157   | Seal Sleeve, GP7255A(-SSP)                          | 3           |
| 2           | 13000       | Oil Filler Plug Assy.                         | 1           | 39A         | 13290   | Grooved Ring, GP7145(-SSP)                          | 3           |
| 4           | 07601       | Crankcase Cover                               | 1           | 39A         | 07723   | Grooved Ring, GP7255A(-SSP)                         | 3           |
| 5           | 05798       | Gasket,Crankcase Cover                        | 1           | 40          | 07797   | Support Disc,<br>GP7255(-SSP) only                  | 3           |
| 8           | 07603       | Oil Dip Stick                                 | 1           | 41          | 13296   | Support Ring, GP7145(-SSP)                          | 3           |
| 9           | 01009       | O-Ring, Dip Stick                             | 1           | 41          | 13158   | Support Ring, GP7255A(-SSP)                         | 3           |
| 10          | 22706       | Hexagon Screw                                 | 8           | 42          | 13294   | V-Sleeve, GP7145(-SSP)                              | 9           |
| 11          | 06725       | Spring Washer                                 | 8           | 42          | 07711   | V-Sleeve, GP7255A(-SSP)                             | 6           |
| 12          | 07109       | Drain Plug                                    | 7           | 43          | 13293   | Pressure Ring, GP7145(-SSP)                         | 3           |
| 13          | 07182       | Gasket, Drain Plug                            | 2           | 43          | 07712   | Pressure Ring, GP7255A(-SSP)                        | 3           |
| 14          | 05644       | Bearing Cover                                 | 2           | 45          | 13297   | Tension Spring,<br>GP7145(-SSP) only                | 3           |
| 15          | 07608       | Radial Shaft Seal                             | 2           | 49          | 13159   | Stud Bolt   | 8           |
| 16          | 07184       | O-Ring  | 2           | 49A         | 13160   | Hexagon Nut   | 8           |
| 17          | 05642       | Inner Hexagon Screw                           | 8           | 50          | 07791   | Valve Casing  | 1           |
| 18          | 05039       | Spring Washer                                 | 8           | 50A         | 13162   | Cylinder Stud                                       | 2           |
| 20          | 07610       | Taper Roller Bearing                          | 2           | 51          | 05594   | Inlet Valve Assembly<br>(51A-51F)                   | 3           |
| 20A         | 07611       | Fitting Disc (Shim)                           | 1-5         | 51A         | 05595   | Spring Tension Cap                                  | 6           |
| 21          | 05645       | Holder for Shaft Protector                    | 1           | 51B         | 05450   | Valve Spring  | 6           |
| 21A         | 05646       | Shaft Protector                               | 1           | 51C         | 05247   | Valve Plate   | 6           |
| 22          | 13405       | Crankshaft                                    | 1           | 51D         | 05596   | O-Ring  | 6           |
| 23          | 07614       | Key   | 1           | 51E         | 05597   | Inlet Valve Seat                                    | 3           |
| 24          | 13182       | Connecting Rod Assy.                          | 3           | 51F         | 05166   | O-Ring  | 3           |
| 25          | 13183       | Crosshead Assy.                               | 3           | 52          | 05600   | Discharge Valve Assembly                            | 3           |
| 28          | 13184       | Crosshead Pin                                 | 3           | 52A         | 05595   | Spring Tension Cap                                  | 3           |
| 30          | 07619       | Cover Plate                                   | 1           | 52B         | 05450   | Valve Spring  | 3           |
| 30A         | 07225-0100  | Hexagon Screw                                 | 8           | 52C         | 05247   | Valve Plate   | 3           |
| 30B         | 13136       | Grommet                                       | 4           | 52D         | 05596   | O-Ring  | 3           |
| 30C         | 05053       | Disc  | 8           | 52E         | 05598   | Discharge Valve Seat                                | 3           |
| 30D         | 13154       | Cover Plate                                   | 1           | 52F         | 05599   | O-Ring  | 3           |
| 31          | 07623       | Eye Bolt                                      | 1           | 53          | 22610   | Plug  | 3           |
| 32          | 07624       | Radial Shaft Seal                             | 3           | 55          | 05647   | Valve Spacer  | 3           |
| 33          | 07626       | Seal Retainer                                 | 3           | 56A         | 07658   | O-Ring  | 3           |
| 33A         | 07627       | O-Ring  | 3           | 56B         | 07635   | Support Ring  | 3           |
| 33B         | 07628       | Circlip                                       | 3           | 57          | 13173   | Tension Spring                                      | 3           |
| 33C         | 07249       | Fitting Disc                                  | 3           | 58          | 06682   | Plug, M64 x 2                                       | 3           |
| 34          | 13137       | Oil Scraper                                   | 3           | 59A         | 07661   | Copper Ring for 12                                  | 5           |
| 36          | 06165       | Plunger Pipe Assembly<br>(36A-D), GP7145      | 3           | 60          | 12251   | Plug, 1-1/4" NPT                                    | 1           |
| 36          | 06165A-SS   | Plunger Pipe Assembly<br>(36A-D), GP7145-SSP  | 3           | 61          | 05170   | Plug, 2-1/2" NPT                                    | 1           |
| 36          | 07706       | Plunger Pipe Assembly<br>(36A-D), GP7255A     | 3           | 66          | 13362   | Disc For Crankshaft                                 | 1           |
| 36          | 07706-SS    | Plunger Pipe Assembly<br>(36A-D), GP7255A-SSP | 3           | 67          | 13358   | Hexagon Screw                                       | 1           |
| 36A         | 07667       | Plunger Connection                            | 3           | 07662       | Valve Tool (Not Shown)                              | 1   |             |
| 36B         | 05157       | Plunger Pipe, GP7145                          | 3           | 05210       | Plunger Conversion Assembly<br>(36-45), GP7145      | 1   |             |
| 36B         | 05157A-SS   | Plunger Pipe, GP7145-SSP                      | 3           | 05210A-SS   | Plunger Conversion Assembly<br>(36-45), GP7145-SSP  | 1   |             |
| 36B         | 07666       | Plunger Pipe, GP7255A                         | 3           | 05211       | Plunger Conversion Assembly<br>(36-45), GP7255      | 1   |             |
| 36B         | 07666-SS    | Plunger Pipe, GP7255A-SSP                     | 3           | 05211-SS    | Plunger Conversion Assembly<br>(36-45), GP7255A-SSP | 1   |             |
| 36C         | 07664       | Tension Screw                                 | 3           | 17204       | Valve Casing Assembly,<br>(5x12, 13, 50-61 w/o 50A) | 1   |             |
| 36D         | 07665       | Copper Ring                                   | 3           | 7           | 17212   | Crankcase Assembly,<br>(2x12/1-34/49/49A/52A/66/67) | 1           |
| 38          | 06167       | Seal Case, GP7145(-SSP)                       | 3           |             |   |   |             |
| 38          | 13155       | Seal Case, GP7255A(-SSP)                      | 3           |             |   |   |             |
| 38A         | 13156       | O-Ring for 38                                 | 3           |             |   |   |             |
| 38B         | 06258       | O-Ring for 38, GP7145(-SSP)                   | 3           |             |   |   |             |

## Repair Kits - GP7145(-SSP) and GP7255A(-SSP)

### Plunger Packing Kit - GP7145(-SSP) # 09603

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

### Plunger Packing Kit - GP7255A(-SSP) # 09220

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

### Oil Seal Kit # 09221

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

### Valve Repair Kits GP7145(-SSP) / GP7255(-SSP) Inlet Valve Kit # 09659

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

### Large Discharge Valve Kit # 09660

| Item | Part # | Description              | Qty. |
|------|--------|--------------------------|------|
| 52   | 05600  | Discharge Valve Assembly | 1    |
| 55   | 05647  | Valve Spacer             | 1    |
| 56A  | 07658  | O-Ring                   | 1    |
| 56B  | 07635  | Support Ring             | 1    |

### Small Discharge Valve Kit \* # 09661

| Item | Part # | Description  | Qty. |
|------|--------|--------------|------|
| 51B  | 05450  | Valve Spring | 1    |
| 51C  | 05247  | Valve Plate  | 1    |
| 51D  | 05596  | O-Ring       | 1    |
| 52F  | 05599  | O-Ring       | 1    |
| 56A  | 07658  | O-Ring       | 1    |
| 56B  | 07635  | Support Ring | 1    |

\* The discharge valve seat (item 52E) can be flipped over and used. If it is damaged on both sides, order kit # 09660.

## GP7145(-SSP) and GP7255A(-SSP) Torque Specifications

| Position | Item# | Description             | Torque Amount         |
|----------|-------|-------------------------|-----------------------|
| 24       | 13182 | Connecting Rod Assembly | 30 ft.-lbs. (40 NM)   |
| 36C      | 07664 | Tension Screw           | 30ft.-lbs. (40 NM)    |
| 49A      | 13160 | Hexagon Nut             | 103 ft.-lbs. (140 NM) |
| 58       | 13170 | Plug                    | 107 ft-lbs (145 NM)   |

| Preventative Maintenance Check-List & Recommended Spare Part List |       |        |      |               |               |               |
|---|-------|--------|------|---------------|---------------|---------------|
| Check   | Daily | Weekly | 50hr | Every 500 hrs | Every 1500hrs | 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             |