

## GP7545GB, GP7550GB & GP7555GB Spare Parts List

| ITEM | PART       | DESCRIPTION                       | QTY. | ITEM  | PART  | DESCRIPTION                    | QTY. |
|------|------------|-----------------------------------|------|-------|-------|--------------------------------|------|
| 1    | 05769      | Crankcase                         | 1    | 45    | 13297 | Tension Spring, GP7545GB       | 3    |
| 2    | 13000      | Oil Filler Plug Assembly          | 1    | 45    | 07636 | Pressure Spring, GP7550GB      | 3    |
| 8    | 07603      | Oil Dip Stick                     | 1    | 49    | 13159 | Stud Bolt                      | 8    |
| 9    | 01009      | O-Ring, Dip Stick                 | 1    | 49A   | 13160 | Hexagon Nut                    | 8    |
| 12   | 07109      | Drain Plug                        | 9    | 50    | 07791 | Valve Casing                   | 1    |
| 13   | 06272      | Copper Seal for 12                | 9    | 50A   | 13162 | Centering Stud                 | 2    |
| 14   | 05770      | Bearing Cover                     | 1    | 51    | 05594 | Inlet Valve Assembly           |      |
| 14A  | 12204      | O-Ring                            | 4    |       |       | (51A-51F)                      | 3    |
| 15   | 05771      | Radial Shaft Seal                 | 1    | 51A   | 05595 | Spring Tension Cap             | 3    |
| 16   | 05772      | O-Ring                            | 2    | 51B   | 05450 | Valve Spring                   | 3    |
| 17   | 05642      | Inner Hexagon Screw               | 4    | 51C   | 05247 | Valve Plate                    | 3    |
| 18   | 05039      | Spring Ring                       | 4    | 51D   | 05596 | O-Ring                         | 3    |
| 20   | 05773      | Taper Roller Bearing              | 2    | 51E   | 05597 | Inlet Valve Seat               | 3    |
| 20A  | 05774      | Fitting Disc (Shim)               | 1-5  | 51F   | 05166 | O-Ring                         | 3    |
| 21   | 05645      | Shaft Guard Holder                | 1    | 52    | 05600 | Discharge Valve Assembly       | 3    |
| 21A  | 05646      | Shaft Guard                       | 1    | 52A   | 05595 | Spring Tension Cap             | 3    |
| 22   | 04517      | Crankshaft                        | 1    | 52B   | 05450 | Valve Spring                   | 3    |
| 23   | 05776      | Key                               | 1    | 52C   | 05247 | Valve Plate                    | 3    |
| 24   | 05777      | Connecting Rod Assy.              | 3    | 52D   | 05596 | O-Ring                         | 3    |
| 25   | 05778      | Crosshead Assy.                   | 3    | 52E   | 05598 | Discharge Valve Seat           | 3    |
| 28   | 05779      | Crosshead Pin                     | 3    | 52F   | 05599 | O-Ring                         | 3    |
| 29A  | 07408      | Hexagon Nut                       | 1    | 53    | 22610 | Plug, 1/4" NPT                 | 3    |
| 29B  | 05383      | Bracket 2 f. Cooling Hose         | 2    | 55    | 05647 | Valve Spacer                   | 3    |
| 29C  | 05662      | Fixing Bracket                    | 1    | 56A   | 07658 | O-Ring                         | 3    |
| 29D  | 05381      | Bracket 2 f. Cooling Hose         | 1    | 56B   | 07635 | Support Ring                   | 3    |
| 30   | 07619      | Cover Plate                       | 1    | 57    | 13173 | Tension Spring                 | 3    |
| 30A  | 07225-0100 | Hexagon Screw                     | 9    | 58    | 06682 | Plug, M64 x 2                  | 3    |
| 30B  | 13136      | Grommet                           | 4    | 60    | 12251 | Plug, 1-1/4" NPT               | 1    |
| 30C  | 05053      | Disc                              | 8    | 61    | 05170 | Plug, 2-1/2" NPT               | 1    |
| 30D  | 13154      | Cover                             | 1    | 68    | 05782 | Bottom Casing for Gear         | 1    |
| 31   | 07623      | Eye Bolt                          | 1    | 69    | 05783 | Top Casing for Gear            | 1    |
| 32   | 07624      | Radial Shaft Seal                 | 3    | 70    | 05784 | Gear Seal                      | 1    |
| 33   | 07626      | Seal Retainer                     | 3    | 71    | 05785 | Centering Ring                 | 1    |
| 33A  | 07627      | O-Ring for Seal Retainer          | 3    | 72A/B | 04531 | Gear Wheel Set, i=1.87         | 1    |
| 33B  | 07628      | Circlip for 33                    | 3    | 72A/B | 04519 | Gear Wheel Set, i=2.25         | 1    |
| 33C  | 07249      | Fitting Disc                      | 3    | 72A/B | 04156 | Gear Wheel Set, i=2.44         | 1    |
| 34   | 13137      | Oil Scraper (Flinger)             | 3    | 72A/B | 04518 | Gear Wheel Set, i=2.73         | 1    |
| 36   | 06165A     | Plunger Assy. (36A-36D), GP7545GB | 3    | 73    | 13243 | Fitting Key                    | 1    |
| 36   | 07630      | Plunger Assy. (36A-36D), GP7550GB | 3    | 74    | 05787 | Self-Aligning Roller Bearing   | 1    |
| 36   | 07706      | Plunger Assy. (36A-36D), GP7555GB | 3    | 75    | 05700 | Cylinder Roller Bearing        | 1    |
| 36A  | 07667      | Plunger Connection                | 3    | 76    | 07117 | Fitting Disc                   | 1-5  |
| 36B  | 05157A     | Plunger Pipe, GP7545GB            | 3    | 77    | 05701 | Radial Shaft Ring              | 1    |
| 36B  | 07793      | Plunger Pipe, GP7550GB            | 3    | 78    | 05665 | Cylindrical Pin                | 4    |
| 36B  | 07666      | Plunger Pipe, GP7555GB            | 3    | 80    | 05790 | Spacer Ring 1 for Gear         | 1    |
| 36C  | 07664      | Tensioning Screw                  | 3    | 81    | 05791 | Spacer Ring 2 for Gear         | 1    |
| 36D  | 07665      | Copper Ring                       | 3    | 82    | 05802 | Fixing Plate for Gear          | 1    |
| 38   | 06167      | Seal Case, GP7545GB               | 3    | 83    | 13358 | Hexagon Screw                  | 1    |
| 38   | 07794      | Seal Case, GP7550GB               | 3    | 84    | 05792 | Hexagon Socket Screw           | 7    |
| 38   | 13155      | Seal Case, GP7555GB               | 3    | 85    | 05702 | Hexagon Socket Screw           | 8    |
| 38A  | 13156      | O-Ring                            | 3    | 86    | 07159 | Washer                         | 8    |
| 38B  | 06258      | O-Ring, GP7545GB & GP7550GB       | 3    | 90    | 04157 | Oil Cooler Assembly            | 1    |
| 38B  | 07721      | O-Ring, GP7555GB                  | 3    | K1    | 05797 | Cooling Vane Plate             | 1    |
| 38C  | 07635      | Support Ring, GP7550GB            | 3    | K2    | 05798 | Seal for Gear Cover            | 2    |
| 39   | 06171      | Seal Sleeve, GP7545GB             | 3    | K3    | 05799 | Gear Cover                     | 1    |
| 39   | 07795      | Seal Sleeve, GP7550GB             | 3    | K4    | 05029 | Hexagon Head Countersunk Screw | 4    |
| 39   | 13157      | Seal Sleeve, GP7555GB             | 3    | K5    | 05800 | Hexagon Socket Screw           | 8    |
| 39A  | 13290      | Grooved Ring, GP7545GB            | 3    | K6    | 06725 | Washer                         | 8    |
| 39A  | 07796      | Grooved Ring, GP7550GB            | 3    | K7    | 05755 | Connection for Oil Cooler      | 1    |
| 39A  | 07723      | Grooved Ring, GP7555GB            | 3    | K8    | 06272 | Copper Seal                    | 6    |
| 40   | 07797      | Support Ring, GP7555GB            | 3    | K9    | 07109 | Plug, 1/2" BSP                 | 2    |
| 41   | 13296      | O-Ring, GP7545GB                  | 3    | K10   | 05031 | Reducing Nipple                | 3    |
| 41   | 05318      | Support Ring, GP7550GB            | 3    | K11   | 05032 | U-Joint Connector with Nut     | 3    |
| 41   | 13158      | O-Ring, GP7555GB                  | 3    | K12   | 05033 | Tube for Cooler                | 2    |
| 42   | 13294      | V-Sleeve, GP7545GB                | 9    | K13   | 05402 | Hose Clamp                     | 4    |
| 42   | 07638      | V-Sleeve, GP7550GB                | 6    | K14   | 05403 | Hose Guard                     | 2    |
| 42   | 07711      | V-Sleeve, GP7555GB                | 6    | K15   | 05404 | Hose Coupling Nut              | 1    |
| 43   | 13293      | Pressure Ring, GP7545GB           | 3    | K16   | 05405 | Flat Gasket                    | 4    |
| 43   | 07639      | Pressure Ring, GP7550GB           | 3    | K17   | 08280 | Washer, GP7555GB Only          | 4    |
| 43   | 07712      | Pressure Ring, GP7555GB           | 3    | K18   | 04158 | Hexagon Socket Screw           | 4    |
|      |            |                                   |      |       | 07662 | Valve Tool (not shown)         | 1    |

## Repair Kits - GP7545GB, GP7550GB & GP7555GB

### Plunger Packing Kit, GP75545GB- # 09603

| Item | Part # | Description  | Qty. |
|------|--------|--------------|------|
| 38A  | 13156  | O-Ring       | 3    |
| 38B  | 07721  | O-Ring       | 3    |
| 39A  | 07723  | Grooved Ring | 3    |
| 42   | 07711  | V-Sleeve     | 9    |

### Inlet Valve Kit - # 09559

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

### Plunger Packing Kit, GP7550GB- # 09526

| Item | Part # | Description  | Qty. |
|------|--------|--------------|------|
| 38A  | 13156  | O-Ring       | 3    |
| 38B  | 06258  | O-Ring       | 3    |
| 38C  | 07635  | Support Ring | 3    |
| 39A  | 07796  | Grooved Ring | 3    |
| 41   | 05318  | Support Ring | 3    |
| 42   | 07638  | V-Sleeve     | 6    |

### Large Discharge Valve Kit - # 09560

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

### Plunger Packing Kit, GP7555GB- # 09220

| Item | Part # | Description  | Qty. |
|------|--------|--------------|------|
| 38A  | 13156  | O-Ring       | 3    |
| 38B  | 07721  | O-Ring       | 3    |
| 39A  | 07723  | Grooved Ring | 3    |
| 41   | 13158  | Support Ring | 3    |
| 42   | 07711  | V-Sleeve     | 6    |

### Small Discharge Valve Kit\* - # 09561

| 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.

### Oil Seal Kit - # 09221

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

## GP7545GB, GP7550GB & GP7555GB Torque Specifications

| Position | Item #      | Description             | Lubrication Info  | Torque Specifications |
|----------|-------------|-------------------------|-------------------|-----------------------|
| 1        | 05769       | Crankcase               | Molycote Cu-Paste |                       |
| 17       | 05642       | Inner Hexagon Screw     |                   | 33 ft.-lbs. (45 Nm)   |
| 24       | 05777       | Connecting Rod Assembly |                   | 29.5 ft.-lbs. (40 Nm) |
| 30A      | 07225-0100  | Hexagon Screw           |                   | 88.5 in.-lbs. (10 Nm) |
| 32       | 07624       | Radial Shaft Seal       | Loctite 403       |                       |
| 36A      | 07667       | Plunger Connection      |                   | 33 ft.-lbs. (45 Nm)   |
| 36C      | 06116/07664 | Tensioning Screw        | Loctite 243       | 29.5 ft.-lbs. (40 Nm) |
| 49       | 13159       | Stud Bolt               | Loctite 243       |                       |
| 49A      | 13160       | Hexagon Nut             |                   | 59 ft.-lbs. (80 Nm)   |
| 51E      | 05597       | Inlet Valve Seat        | Hylomar           |                       |
| 52E      | 05598       | Discharge Valve Seat    | Hylomar           |                       |
| 58       | 06682       | Plug, M64 x 2           |                   | 107 ft.-lbs. (145 Nm) |
| 85       | 05702       | Hexagon Socket Screw    |                   | 62.7 ft.-lbs. (85 Nm) |
| K2       | 05798       | Seal for Gear Cover     | Loctite 5910      |                       |
| K5       | 05800       | Hexagon Socket Screw    |                   | 33 ft.-lbs. (45 Nm)   |
| K9       | 07109       | Plug, 1/2" BSP          |                   | 59 ft.-lbs. (80 Nm)   |
| K18      | 04158       | Hexagon Socket Screw    |                   | 124 in.-lbs. (14 Nm)  |