



## PARTS LIST

| ITEM | PART NO.   | DESCRIPTION                 | KIT NO. | QTY. | ITEM | PART NO.   | DESCRIPTION          | KIT NO. | QTY. | ITEM | PART NO.   | DESCRIPTION             | KIT NO. | QTY. |
|------|------------|-----------------------------|---------|------|------|------------|----------------------|---------|------|------|------------|-------------------------|---------|------|
| 1    | 99.4418.00 | Screw, M12 x 90             | 16      |      | 22   | 98.2273.00 | Oil Dip Stick        | 1       |      | 45   | 90.5107.00 | Ring, Back-up           | 74      | 6    |
| 2    | 96.7195.00 | Washer, M12                 | 20      |      | 23   | 99.1927.00 | Screw, M6 x 35       | 12      |      | 46   | 98.2265.00 | Cap                     |         | 3    |
| 3    | 90.4059.00 | O-Ring, 1.296 x .139        | 943     | 12   | 24   | 96.6938.00 | Washer, M6.4         | 12      |      | 47   | 90.3841.00 | O-Ring, .674 x .103     | 74      | 6    |
| 4    | 36.2011.66 | Seat, Valve                 | 943     | 12   | 25   | 90.5091.00 | Ring, Back-up        | 4       |      | 48   | 98.2325.00 | Cap                     |         | 2    |
| 5    | 36.2010.76 | Valve                       | 943     | 12   | 26   | 77.0302.41 | Rod, Connecting      | 3       |      | 49   | 96.7700.00 | Washer, M26.5           |         | 3    |
| 6    | 94.7450.00 | Spring                      | 943     | 12   | 27   | 77.2203.70 | Cap                  | 2       |      | 50   | 96.7870.00 | Washer, M33.5           |         | 2    |
| 7    | 36.2009.51 | Guide, Valve                | 943     | 12   | 28   | 97.5968.00 | Oil Indicator        | 1       |      | 51   | 96.7555.00 | Washer, M22             | 74      | 6    |
| 8    | 36.7065.01 | Unit, Valve                 | 943     | 12   | 29   | 90.4141.00 | O-Ring, 3.359 x .139 | 2       |      | 52   | 69.2195.66 | Bolt, Plunger           | 74      | 6    |
| 9    | 90.4065.00 | O-Ring, 1.484 x .139        | 12      |      | 30   | 76.2200.78 | Shim                 | 2       |      | 53   | 77.1251.41 | Manifold, NPT           |         | 2    |
| 10   | 98.2420.00 | Cap, M42                    | 12      |      | 31   | 76.1500.22 | Housing, Bearing     | 1       |      | 54   | 90.3903.00 | O-Ring, .924 x .103     | 39,40   | 6    |
| 11   | 76.1501.22 | Cover                       | 1       |      | 32   | 90.1670.00 | Seal, Oil            | 44      | 6    | 55   | 76.0801.70 | Retainer, Packing       | 39,40   | 6    |
| 12   | 90.3835.00 | O-Ring, .594 x .103         | 4       |      | 33   | 200052     | Screw, M10 x 20      | 8       |      | 56   | 90.2823.00 | Packing, Low Pressure   | 939     | 6    |
| 13   | 90.1614.00 | Seal, Oil                   | 4       |      | 34   | 91.8474.00 | Bearing              | 4       |      | 57   | 69.2170.70 | Ring, Intermediate      | 939,942 | 6    |
| 14   | 77.2122.93 | Tube, Head Conn.            | 1       |      | 35   | 98.2100.00 | Cap                  | 1       |      | 58   | 69.1002.93 | Ring, Head              | 939,41  | 6    |
| 15   | 90.0605.00 | Cir-Clip                    | 2       |      | 36   | 90.3833.00 | O-Ring, .549 x .103  | 1       |      | 59   | 91.4978.00 | Key                     |         | 1    |
| 16   | 76.0210.35 | Crankshaft                  | 1       |      | 37   | 76.2000.74 | Rail, Pump           | 2       |      | 60   | 90.0695.00 | Cir-Clip                |         | 1    |
| 17   | 77.0100.22 | Crankcase                   | 1       |      | 38   | 90.9174.00 | Bushing              | 6       |      | 61   | 90.1672.00 | Seal, Oil               | 32      | 1    |
| 18   | 77.2120.01 | Ring, Clamp, Connecting Rod | 6       |      | 39   | 97.7400.00 | Pin, Plunger         | 6       |      | 62   | 76.2114.70 | Spacer, Plunger         |         | 6    |
| 19   | 77.2118.84 | Gasket                      | 1       |      | 40   | 99.4266.00 | Screw, M12 x 25      | 4       |      | 67   | 90.2820.00 | Packing, High Pressure  | 939     | 6    |
| 20   | 99.1867.00 | Screw, M6 x 18              | 16      |      | 41   | 77.0500.54 | Guide, Plunger       | 6       |      | 68   | 600600     | Plug, Tapered           |         | 6    |
| 21   | 77.2114.22 | Cover                       | 1       |      | 42   | 96.7568.00 | Washer, M22.3        | 6       |      | 69   | 96.7570.00 | Back-up Ring Valve Seat | 943     | 12   |
|      |            |                             |         |      | 43   | 69.0400.09 | Plunger, (36 mm)     | 6       |      | 70   | 90.2818.00 | Restop Ring             | 939     | 6    |

## REPAIR KITS

| KIT NO.                              | 32 | 41 | 44 | 74             | 939                        | 940    | 942 | 943                    | 100463                     |
|--------------------------------------|----|----|----|----------------|----------------------------|--------|-----|------------------------|----------------------------|
| ITEM NO.s INCLUDED IN KIT            | 61 | 58 | 32 | 45, 47, 51, 52 | 54, 55, 56, 57, 58, 67, 70 | 54, 55 | 57  | 3, 4, 5, 6, 7, (8), 69 | 54, 55, 56, 57, 58, 67, 70 |
| NUMBER OF ASSEMBLIES IN KIT          | 2  | 6  | 3  | 3              | 1                          | 3      | 3   | 6                      | 6                          |
| NUMBER OF CYLINDERS KIT WILL SERVICE | -  | 3  | 3  | 3              | 1                          | 3      | 3   | 3                      | 6                          |

## TORQUE SPECS\*

| Position | Ft./lbs. |
|----------|----------|
| 1        | 51.5     |
| 10       | 95.8     |
| 20       | 7.3      |
| 23       | 8.8      |
| 28       | 13.2     |
| 33       | 29.4     |
| 40       | 51.5     |
| 46       | 51.5     |
| 48       | 73.7     |
| 52       | 29.4     |