

## OIL PUMP ACCESSORIES

P/N **22159**

Bung Spacer, 2" NPT w/ 3/8" return port for use w/models 1:1, 3:1 and 5:1 pumps. Provides convenient return path for relief valve kits.



### 2" Double Tap Connection with Return Port:

P/N **540035**

with 1" NPTF Suction, 1" NPTM Pump Connection & 3/8" Relief Valve Return Port.



P/N **540036**

with 1 1/2" NPTF Suction, 1 1/2" Pump Connection & 3/8" Relief Valve Return Port. To allow use with P/N 21200 and 21300 pumps.

### 2" Double Tap Duplex Bushing:

P/N **540038** 2" x 1" x 1"

P/N **540039** 1 1/2" x 1" x 1"



### Bung Adapters:

P/N **22156**

Standard duty 2" bung adapter fits 1:1, 3:1 and 5:1 pumps.



P/N **22157**

Heavy duty 2" bung adapter fits 1:1, 3:1 and 5:1 pumps.



P/N **22158**

Heavy duty 2" bung adapter for 5:1 high flow pumps 21200, 21300, and high ratio pumps 21400 and 21500.



P/N **22157-V2**

Heavy duty weathertight 2" bung adapter fits 1:1, 3:1 and 5:1 pumps.



### Foot Valves:

For use with modular tubes and NPT extension pipe, includes inlet screen.

P/N **950002** 1" NPTF

P/N **950047** 1 1/2" NPTF



### Expansion/Thermal Relief Valve Kits:

All fluids are subject to thermal expansion, this can be a significant problem in any shop and may be the cause of leaks, blistered hoses, dripping meter/control handles, stiff and hard to pull triggers on control handles and many other related problems. This is especially the case when fluid is pumped from outside or basement locations or when fluid lines are near ceilings subject to heating. Pressure has been measured to increase approximately 43 PSI per degree Fahrenheit in a typical hose reel. These potential over pressurization problems can be easily remedied with the installation of a thermal expansion relief kit, so as to limit fluid line pressure buildup. Listed below is a selection of applications.

**Used on installed plumbing for relief of excessive pressure, due to fluid temperature rise.**

**150 PSI Relief Valve Kits, for use with 1:1 and Double Diaphragm Pumps**

P/N **540043**

Relief valve kit for 1/2" discharge pumps

P/N **540044**

Relief valve kit for 3/4" discharge pumps

P/N **540045**

Relief valve kit for 1" discharge pumps



P/N **540060**

Brass relief valve for use with water based products. Adjustable from 20 to 300 PSI.

**750 PSI Relief Valve Kits, for use with 3:1 and 5:1 Ratio Pumps**

P/N **540025**

Relief valve kit for 1/2" discharge pumps

P/N **540037**

Relief valve kit for 3/4" discharge pumps

### For Fuel Systems

P/N **540050**

1/2" expansion relief valve for fuel systems, 40 PSI relief pressure.

**1500 PSI Relief Valve Kits, for use with 8:1 and 13:1 Ratio Pumps**

P/N **540046**

3/4" NPTM x 3/4" NPTF for easy connection to pump. Use with P/N 22159 bung spacer for convenient fluid return port.

