

# Oil Piston Pumps

## Lion™ 450 - 10:1 Pumps

### Lion™ 450 - 10:1 Pump Description

High pressure pump for oil systems where medium volume dispensing using simultaneous dispense points is required.

High pressure pump is recommended for long pumping distances and/or cold weather applications.

### Lion™ 450 - 10:1 Pump Models Available

- ☐ **1430-003** Lion™ 450 10:1 stub pump
- ☐ **1430-004** Lion™ 450 10:1 drum pump
- ☐ **4411-032** Bung Adapter

### Lion™ 450 - 10:1 Pump Specifications

- 3.1. Pump will have a 10:1 ratio
- 3.2. Pump will have a 4.5" (115 mm) effective diameter displacement air motor valve-in-piston design
- 3.3. Pump will have an air inlet port of 1/2" NPT(F)
- 3.4. Pump will have a fluid inlet port of 1 1/2" NPT(F)
- 3.5. Pump will have a fluid outlet port of 3/4" NPT(F)
- 3.6. Pump will have a free flow of 18 gal/min (68 l/min) based on 100 psi (7 bar)
- 3.7. Pump will have an operating air pressure of 30 to 180 psi (2 to 12.4 bar)
- 3.8. Pump will have an air consumption pressure at 75 psi (5 bar) & 30 cfm (850 NI/min)
- 3.9. Pump will not exceed 19 cycles per gallon
- 3.10. Pump will have a max fluid outlet pressure of 1,700 psi (120 bar)
- 3.11. Pump will have an air motor stroke of 4" (100 mm)
- 3.12. Pump will have a delivery rate of 4 gal/min (15 l/min) at 80 cpm

### Materials

- 4.1. The wetted materials will consist of Cast Iron, Hard Chromed Steel, Steel, Polyurethane, Buna-N™ and Zinc

### Warranty

- 5.1. The Lion 450 10:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.