

Oil Piston Pumps

Lion™ 450 - 3:1 Pump

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Medium pressure pump for oil systems where high volume dispensing using simultaneous dispense points is required. Medium pressure pump is recommended for medium pumping distances.

Wall or floor mount only. Pump OD does not fit 2" bung adapter.

Lion™ 450 - 3:1 Pump Models Available

- ❑ **1430-001** Lion™ 450 3:1 stub pump

Lion™ 450 - 3:1 Pump Specifications

- 3.1. Pump will have a 3:1 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 32 gal/min (120 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 100 psi (7 bar) & 28 cfm (800 NI/min)
- 3.9. Pump will not exceed 6 cycles per gallon
- 3.10. Pump will have a max fluid outlet pressure of 510 psi (36 bar)
- 3.11. Pump will have an air motor stroke of 4" (100 mm)
- 3.12. Pump will have a delivery of 12 gal/min (45 l/min) at 80 cpm

Materials

- 4.1. The wetted materials will consist of Steel, Hard Chromed Steel, Zinc Plated Steel, Stainless Steel, Cast Iron, Polyurethane, Buna-N™, Bronze Filled PTFE

Warranty

- 5.1. The Lion™ 450 3:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.