

oil transfer equipment - air operated

r-series ratio oil pumps

R500S – stub pump
R500T – drum pump

The R500 is designed for workshops requiring fluid transfer over distances up to 50 metres. It is perfect for use with drums and tanks, and through pipelines, one or multiple hose reels and meter/gun dispensing systems.

Features

- suitable for automatic transmission fluid, engine oil, gear oil, hydraulic oil, anti-freeze/anti-boil and compatible fluids up to SAE 140
- suitable for 205 L (55 US gal) drums and bulk tanks (optional telescopic suction tube available for stub version) (TB25S)
- the stub version (R500S) can be easily wall mounted
- built in pressure relief valve for safe operation
- oil lubricator (TA-3K) and 2" (M) bung adaptor supplied
- 5 year warranty
- 10 year parts availability

Specifications

• wetted components:	aluminium, nitrile rubber, Carbon PTFE, zinc plated carbon steel
• pump ratio:	5:1 (oil pressure is 5 times air pressure)
• output:	28 L/min (7 US gal per min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
• dimensions:	R500S (stub) 635 mm x 120 mm x 120 mm R500T (drum) 1325 mm x 120 mm x 120 mm
• max. air pressure:	1 030 kPa (150 psi, 10.3 bar)
• min. air pressure:	400 kPa (60 psi, 4 bar)
• min. air compressor:	0.28 m ³ /min (10 cfm)
• air inlet:	1/4" NPT (F)
• pump outlet:	3/4" BSP or NPT (F)
• foot valve inlet:	1" BSP or NPT (F) and 1" UNEF (stub version)

Accessories

- TB25S or TB26S Telescopic Suction Tube
- TA-4K Pressure Regulator Kit
- OMP100 Medium Pressure Oil Reel
- MOTP1220 Twin Pedestal Oil Reel



Fluid	Free flow output (per min.) at the pump		Output (per min.) through 30 m (98 ft) x 10 mm (3/8") hose and hose end gun @ 690 kPa/100 psi (air)		Output (per min.) through 30 m (98 ft) x 12.5 mm (1/2") hose and hose end gun @ 690 kPa/100 psi (air)	
	Litres	US Gal	Litres	US Gal	Litres	US Gal
Oil SAE 10	28	7.4	6.2	1.7	8.8	2.4
Oil SAE 30	27	7.2	4.05	1.1	6	1.6
Oil SAE 90	26	6.9	2.3	0.7	3	0.8

*flow rates are a guide only and any variations can depend on system setup
 *flow rates at 690 kPa (100 psi) air pressure

MOTP1220 Twin Pedestal Oil Reel

