

AIR OPERATED OIL PUMPS - (R-series)

'R' series air operated ratio oil pump

The 'R' Series range of pumps have been designed and manufactured using a strong metal construction, providing maximum performance and long service life. All the 'R' Series pumps are supplied complete with an inline air lubricator to help prevent premature wear. Suitable for oils up to SAE 140 viscosity and premix coolants. The ideal choice for remote mount or integration into lubrication systems.

10
YEARS
MACNAUGHT
WARRANTY*

Air inlet (1/4" NPT)

Oil lubricator

Sliding bung adapter (2" NPT)



Heavy duty construction

Large exhaust port

Oil outlet (3/4" NPT)

Pressure relief valve
(R500 only)

Oil inlet (1" NPT)

Value Proposition

The R series pumps are high quality, heavy duty, reliable oil pumps. The ideal choice for remote mount or integration into oil systems. The strong metal construction, provides maximum performance and long service life.

Applications:

Automotive, Truck and Buses, Farming, Construction and Earthmoving, Military, Mining, Aircraft, Trains

Drum based oil dispensing systems

10
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	R100T-02	R300S-02	R300T-02	R500S-02	R500T-02	R1000S-02	R1000T-02
Pump ratio	1:1 ratio	3:1 ratio	3:1 ratio	5:1 ratio	5:1 ratio	10:1 ratio	10:1 ratio
Output SAE 10*	60L(16gal)/min	23L(6gal)/min	23L(6gal)/min	32L(8.4gal)/min	32L(8.4gal)/min	18L(4.7gal)/min	18L(4.7gal)/min
Output SAE 15W-40*	45L(12gal)/min	19L(5gal)/min	19L(5gal)/min	30L(8gal)/min	30L(8gal)/min	17L(4.5gal)/min	17L(4.5gal)/min
Output SAE 90*	43L(11.3gal)/min	18L(4.7gal)/min	18L(4.7gal)/min	28L(7.3gal)/min	28L(7.3gal)/min	15L(4gal)/min	15L(4gal)/min
Airline lubricator	✓	✓	✓	✓	✓	✓	✓
Pressure relief valve	X	X	X	✓	✓	X	X
2" bung adapter	✓	✓	✓	✓	✓	✓	✓
Fully serviceable	✓	✓	✓	✓	✓	✓	✓
Warranty¹	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years
Parts guarantee²	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years
Compatible fluids	Engine and gear oils up to SAE140, auto trans and hydraulic fluid, diesel						
Min-Max air pressure	400-1030kPa (60/150psi)	400-1030kPa (60/150psi)	400-1030kPa (60/150psi)	400-1030kPa (60/150psi)	400-1030kPa (60/150psi)	400-1030kPa (60/150psi)	400-1030kPa (60/150psi)
Air inlet	1/4" NPT(F)	1/4" NPT(F)	1/4" NPT(F)	1/4" NPT(F)	1/4" NPT(F)	1/4" NPT(F)	1/4" NPT(F)
Pump outlet	3/4"NPT (F)	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)
Pump inlet	Suction Tube	1" NPT (F)	Suction Tube	1" BSP(F) / 1" NPT (F)	Suction Tube	1" BSP(F) / 1" NPT (F)	Suction Tube
Min air compressor	0.22m ³ /min (8cfm)	0.16m ³ /min (6cfm)	0.16m ³ /min (6cfm)	0.3m ³ /min (10cfm)	0.3m ³ /min (10cfm)	0.5m ³ /min (18cfm)	0.5m ³ /min (18cfm)

Note* Pump tested at 100psi c/w 1" PD meter. Note¹ Subject to Macnaught warranty terms and conditions, see inside back cover. Note² Parts available for 10 years from deletion or upgrade of model.

AIR OPERATED OIL DRUM PUMP PACKAGES

'R' series 3:1 ratio oil dispensing kit (with electronic metered oil gun)

The R300THGE-02 pump kit includes a premium quality R300T-02 (3:1) air-operated oil drum pump, c/w 3m (10ft) x 1/2" (12.5mm) oil hose, HG20R-012E-02 electronic metered oil control gun, rigid extension and non-drip nozzle. The kit has an approximate flow rate 12L/min (3 US gal/min) with SAE10 oil and is suitable for oils up to SAE 140, pre-mix coolants.

10
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WARRANTY*

TD-25K (1/2"x 3m)
oil hose with fittings

HG20R-012E-02
Oil control gun with
electronic meter, rigid
extension and auto
non-drip nozzle



R300T-02 (3:1)
Ratio oil pump

TA-3K Oil lubricator

2" Sliding bung adapter

Suction tube to suit
205L/54gal container

Package Includes:

- R300T-02 (3:1) ratio oil pump (205L/54gal)
- HG20R-012E-02 Oil control gun with electronic meter and automatic non-drip nozzle
- TD-25K 1/2"x 3m(10'ft) oil hose with fittings
- 2" Bung adapter
- Instruction manual

Recommended Additional Offerings:

- MOS1220-01 1/2"x 20m(65'ft) oil reel
- R300-2K Major Service kit
- R300-3K Seal kit

Applications:

Automotive, Truck and Buses, Farming, Construction and Earthmoving, Military, Mining, Aircraft, Trains

Drum based oil dispensing systems

10
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WARRANTY*



R100THG-02



R100THGE-02



R300THG-02



R300THGE-02

	R100THG-02	R100THGE-02	R300THG-02	R300THGE-02
Pump ratio	1:1 ratio	1:1 ratio	3:1 ratio	3:1 ratio
Pump	R100T-02	R100T-02	R300T-02	R300T-02
Outlet hose length	3m (10'ft) x 3/4"	3m (10'ft) x 3/4"	3m (10'ft) x 1/2"	3m (10'ft) x 1/2"
Oil control gun	HG20R-02	HG20R-012E-02	HG20R-02	HG20R-012E-02
Output SAE10*	12 L(3gal)/min	12 L(3gal)/min	12 L(3gal)/min	12 L(3gal)/min
Output 15W-40*	9 L(2.4gal)/min	9 L(2.4gal)/min	9 L(2.4gal)/min	9 L(2.4gal)/min
Output SAE140*	8 L(2.1gal)/min	8 L(2.1gal)/min	8 L(2.1gal)/min	8 L(2.1gal)/min
Container	205L(54gal) drum	205L(54gal) drum	205L(54gal) drum	205L(54gal) drum
Airline lubricator	✓	✓	✓	✓
2" bung adapter	✓	✓	✓	✓
Fully serviceable	✓	✓	✓	✓
Warranty¹	10 years	10 years	10 years	10 years
Parts guarantee²	10 years	10 years	10 years	10 years
Compatible fluids	oils up to SAE140, automatic trans fluid, engine oil, gear oil, hydraulic oil, diesel, kerosene, anti-freeze/anti-boil			
Max air pressure	1030kPa (150psi)	1030kPa (150psi)	1030kPa (150psi)	1030kPa (150psi)
Min air pressure	400kPa (60psi)	400kPa (60psi)	400kPa (60psi)	400kPa (60psi)
Min air compressor	0.22m ³ /min (8cfm)	0.22m ³ /min (8cfm)	0.16m ³ /min (6cfm)	0.16m ³ /min (6cfm)
Air inlet	1/4" NPT (F)	1/4" NPT (F)	1/4" NPT(F)	1/4" NPT(F)

Note* Pump tested at 100psi c/w HG55 oil control gun. Note¹ Subject to Macnaught warranty terms and conditions, see inside back cover. Note² Parts available for 10 years from deletion or upgrade of model.

For more information visit macnaughtusa.com