

Vehicle Service Dispensing Systems

Featuring the Lincoln 4481 Oil Rider Portable Tank with Pump and Meter



- Uses Lincoln 4475 single stroke pump for fast, reliable transfer of natural and synthetic motor oils and other vehicle service fluids
- Rugged, dependable Lincoln 952 oval gear electronic meter for long service life in the tough shop environment
- High capacity tank services at least 25 cars between refills
- Balanced tank design, large pneumatic wheels and molded in baffle make 4481 Oil Rider easy to maneuver around the shop
- High strength polyethylene tank construction is light weight, helps protect customer vehicle finish when working in tight quarters
- Molded brackets protect 10' hose & meter and keep them out of the way when not in use

4481, 4481C Oil Rider Specifications

Tank Specifications

Capacity	28 Gallons / 106 Liters
Tank Dimensions	38" high x 17.5" wide x 12.75" deep (27" wide at wheels)
Wheels/Tires	4.10 – 3.50" x 4.0" pneumatic
Tank Openings	2" NPT bung opening for pump (special sealing bung collet provided) Vented fill cap 3/4" drain plug
Tank Material of Construction	High strength cross linked polyethylene
Baffle	Molded in tank
Hose Brackets	Molded

4475 Pump Specifications

Fluid Outlet	1/2" NPTF
Operation	Pneumatic fluid delivery stroke, spring return stroke
Attachment	2" bung
Effective Pump Ratio	0.7:1 to 0.8:1, depending on air pressure
Minimum Inlet Air Pressure	20 psig / 1.4 bar
Maximum Inlet Air Pressure	120 psig / 8.3 bar
Output/Stroke	2.9 in ³ / 48 cm ³
Free Delivery	Up to 4 gpm / 15 lpm
Pump Tube Length	34"

952 Oval Gear Electronic Meter

	952 (4481)	954 (4481C)
Maximum Flow	6 gpm / 22 lpm	8 gpm / 35 lpm
Minimum Flow	0.25 gpm / 1.0 lpm	0.25 gpm / 1.0 lpm
Max. Operating Pressure	1500 psi / 102 bar	1500 psi / 103 bar
Min. Operating Pressure	5 psi / 0.34 bar	5 psi / 0.34 bar
Max. Operating Temperature	110°F / 43°C	110°F / 43°C
Min. Operating Temperature	-10°F / -23°C	-10°F / -23°C
Accuracy	+/- 1.5%	+/- 0.3%
Totalizing Units	Quarts	Gallons, Liters
Dispense Units	Quarts	Pints, Quarts, Gallons, Liters
Inlet/Outlet Connections	1/2" NPTF	1/2" NPTF
Nozzle/Tip Configuration	90° flex hose with manual tip and swivel	Straight flex hose with automatic non-drip nozzle

Hose

Length	10' / 3 m
Diameter	ID 0.375" (3/8"), OD 0.688"
Connection	1/2" NPTF Male
Working Pressure	300 psi / 20 bar
Material	Internal (wetted)– Nitrile, Cover–Neoprene

Air Line Equipment

Regulator/Gauge	#602003 1/4" miniature reg., 1 1/2" gauge with back connection
Air Connection	#815 and #11659 extra long coupler and nipple

Product Compatibility

Synthetic and natural motor oils, auto transmission fluid, hydraulic fluid, and gear oils



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