1:1 ratio fluid transfer pump

Provides quick and efficient fluid transfer



Model 384829

The Lincoln 1:1 ratio fluid transfer pump was designed for quick, reliable and economical transfer of motor oil, ATF, gear oil and hydraulic fluids from all types of standard containers. An upgraded version of Lincoln's proven pump technology, it provides a practical method of delivering fluid from large storage tanks or drums, through supply lines, to hose reels or other bulk oil service outlets. In addition, these high-volume pumps are suitable for use with 16 and 55 gallon *(60,5* and *208 liter)* drums and bulk storage tanks. Each pump comes with a 33 1/2 in. *(85 cm)* plastic extension tube that can be cut to fit the specific tank or drum depth.

Operating under constant pressure, this positive-displacement pump starts automatically when the dispense valve is opened and shuts off automatically when the valve is closed. It features a universal suction tube and is capable of use with installed piping, hose and spigot valves, as well as suitable for installation on mobile lube carts.

1:1 ratio fluid transfer pump advantages:

- Efficiently and quickly transfers fluids from all types of standard containers
- Delivers proven, reliable performance at a competitive price
- Pump stalls against pressure and is activated by opening dispense valve
- Features universal suction tube
- Functions in harsh environments
- Capable of use with installed piping, hose and spigot valves and can be installed on mobile lube carts
- Totally serviceable

Upgraded version of proven Lincoln pump technology



Model 384829
Shown with 55 gallon (208 liter) *drum, hose and control valve (sold separately)*

Technical data
1:1 ratio pump stalls against pressure permitting pump to be turned on/off with the control valve

Maximum input/output pressure	200 psi *(13,8 bar)*
Air inlet	1/4 in. NPTF (f)
Fluid outlet	1 in. NPTF (f)
Free delivery	14 gal./min. *(53 l/min.)*
Displacement per cycle	10 1/2 in.^{3} *(172 cm^3)*
Bung bushing	integrated, 2 in.
Universal suction tube	33 1/2 in. *(85 cm)*, can cut to fit specific tank or drum depth
Stub pump material	metal
Optional	low-level cut-off valve

Recommended pipe and tubing lengths
Delivery line data for four quarts *(one liter)* of oil or more per minute at 40 °F *(4 °C)* with 150 psi *(10,34 bar)* at the pump

Oil S.A.E.	5/8 OD x 0.035 in. *(1,6 OD x 0,09 cm)* wall steel tube or 1/2 in. *(1,3 cm)* pipe	7/8 OD x 0.035 in. *(2,2 OD x 0,09 cm)* wall steel tube or 3/4 in. *(1,9 cm)* pipe
10 or 5W/20	75 ft. *(22,86 m)*	200 ft. *(60,96 m)*
20 or 10W/30	20 ft. *(6,09 m)*	50 ft. *(15,24 m)*

Hose and control valve examples

Order no.	Description
High flow (shown in photo)	
282930	3/4 in. *(19 mm)* control valve
1230120	3/4 x 10 ft. *(19 x 3 048 mm)* lubricant hose
67302	3/4 NPT (f) x 1 in. NPT (m) adapter
Standard	
758F	1/2 in. *(12,7 mm)* control valve
73120	1/2 in. x 10 ft. *(12,7 x 3 048 mm)* lubricant hose
274285	1/2 NPT (f) x 1 in. NPT (m) adapter

See lubrication equipment catalog for other control valve, dispense meter and lubricant hose options.

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