

Thrif-T Luber Manual Pump is a big step ahead of the field in everything except price.

DESCRIPTION

- Reliable—Made with the same high quality materials and workmanship that have made Trabon “The First Choice in Centralized Lubrication Systems.”™
- Easy operation encourages use—Pump handle requires only 27 pounds of lift force to provide a full 0.5 cubic inches of oil at 75 psi.
- Space saving design—Handle lifts straight up, just 1.5 inches to deliver a full stroke. Overall space required to install pump, including an extra full inch for clearance above the top of the fully lifted handle, measures just 10.562 inches high, 5.875 inches wide and 5.5 inches deep.
- Simplified mounting—Elongated mounting slots allow retrofit to existing bolt patterns, provide ample clearance and latitude for OEM assembly or installation, and increase design flexibility for a standard pump.
- Compact, translucent, integral reservoir—Has 1/2 gallon capacity, more than most standard reservoirs for pumps in its class. Added capacity means less frequent need for refills, less maintenance time—or greater margin of equipment lube protection on the same lube replacement schedule.
- Built-in screen/strainer at filter—Helps to prevent contaminants from entering system and clogging orifice filters.
- Two pumps in one—Output is factory set at 0.5 cubic inches per stroke. Simple on-the-job adjustment of stroke can reduce output to 0.25 cubic inches per stroke. See back of page for details.
- The Thrif-T Luber Manual Pump is also available for designs or applications that utilize existing reservoirs or machine base cavities.

SPECIFICATIONS

Pump output Factory set—0.5 cu in. (8.2 cm³/stroke)

Lubricant viscosity limits Minimum, 100 SUS
 Maximum, 10,000 SUS

Note: System is designed only for oil lubrication.

Reservoir capacity: 1/2 gallon (1.89 liters),
 116 cu. in. (1,890 cm³)

Operating temperatures Minimum, 0° F (-17.8° C)
 Maximum, 140° F (60° C)

Maximum operating pressure 75 psi (5 bar)



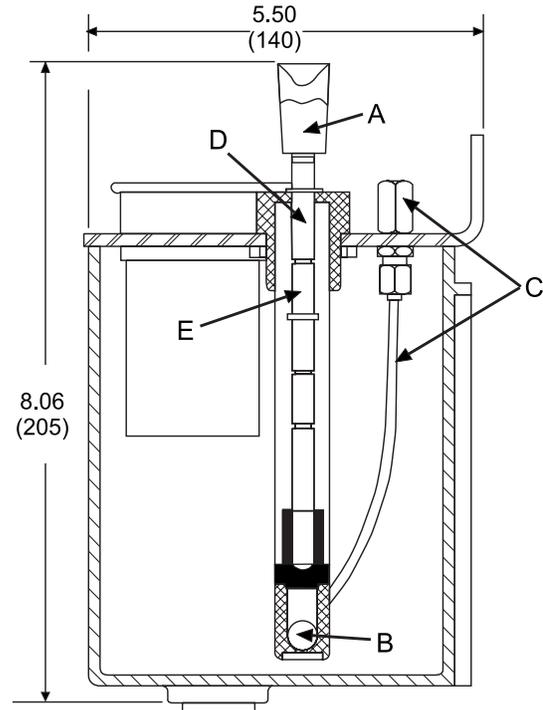
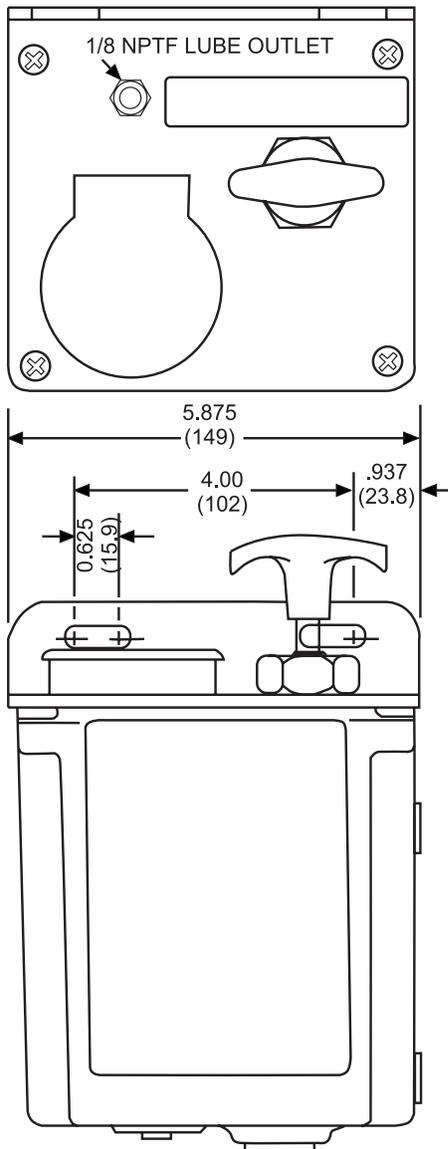
GENERAL INSTRUCTIONS

- Fill reservoir with clean, filtered oil. Never allow the pump to operate on an empty reservoir. Minimum oil viscosity is 100 SUS, maximum is 10,000 SUS.
- Maximum pump pressure is 75 psi at full stroke, 20 psi at end of stroke.
- To drain reservoir, remove the rubber plug from the bottom of the reservoir.
- Cleaning should be done with a mild detergent.
Do not use gasoline or cleaning solvents.

HOW TO ORDER

To order the Thrif-T Luber Manual Pump, specify part number 384-000-000. To order pumps without reservoir, consult the factory.

DIMENSIONS Inches (mm)



HOW IT WORKS

Handle (A) is pulled up fully. This unseats a ball check (B), allowing oil to enter and fill the pump chamber. A spring returns the handle to its original down position, discharging the oil from the pump chamber out through the outlet (C).

ADJUSTMENT

How to adjust stroke to reduce pump output:

The standard Thrif-T Luber Manual Pump is factory set for lube output of 0.5 cu. in. (8.2 cm³) per stroke. To determine if you need to reduce lube output, multiply the total hourly system volume requirements by the number of hours between lube intervals. Pump output should be equal to or greater than this amount.

After making this computation, if you want to adjust the pump to deliver only 0.25 cu. in. (4.1 cm³) per stroke, here's what to do:

1. Lift the pump handle (A) to its fully extended position.
2. Remove the retaining ring from its slot (D).
3. Return the retaining ring to the alternate slot (E).
4. Allow the pump handle to return.

If you require other lube volume outputs, consult the factory. For more details, contact your Thrif-T Luber System distributor or contact the factory.

MOUNTING INSTRUCTIONS

- The mounting surface should be reasonably flat. The elongated mounting holes are designed to use standard 5/16-inch screws.
- When connecting fittings to the pump, do not use more than eight foot-pounds of torque.
- Do not use tape to seal fittings.

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