

Model MH 3000 Lube Meter™

Lube Meter measures and records volume of oil delivered to a continuous flow centralized lubrication system.

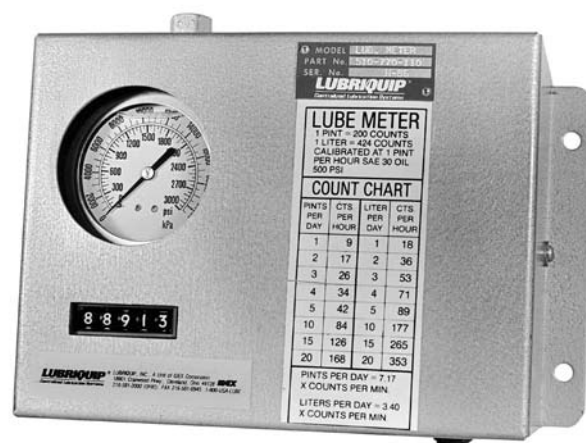
DESCRIPTION

The Model MH3000 Lube Meter™ is ideally suited for use with series progressive type Systems operating at medium pressures and requiring oil flow at rates ranging from two pints to 200 quarts per day.

A hydro-mechanical device, the Lube Meter consists of a three-section MH Series Progressive Divider Valve with a cycle indicator pin that's connected to a mechanical counter, plus a liquid-filled pressure gauge with a dial range of 0 to 3,000 psi (207 bar). These components are mounted in, and protected by, a 9.5 x 6.7 x 3.7 inch (241 x 170 x 92.5 mm) steel enclosure.

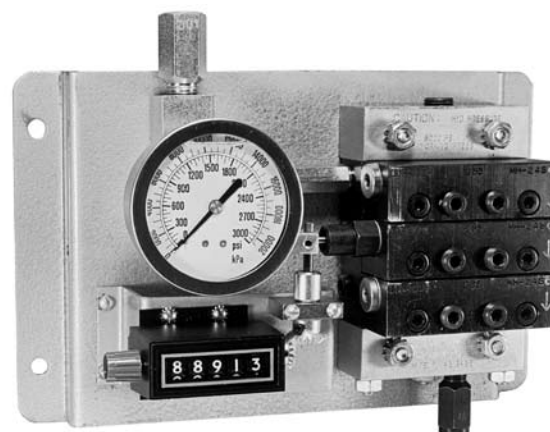
FEATURES / BENEFITS

- Positive mechanical counting action. Handy guide convert counts to pints or liters per day is located on Lube Meter's front cover.
- Extremely fast and simple installation. No electrical connections. Just mount the Lube Meter with four screws, then connect one input line and one output line.
- Built-in outlet check valve protects Lube Meter against downstream back pressure conditions, prevents contaminants from working back into the Lube Meter.
- Easily visible, built-in liquid-filled pressure gauge continuously registers pressure of lubricant flowing through meter, helps monitor performance of entire system.
- Large, easy-to-read counter digits. Reads up to 99,999 cycles. Reset requires removing Lube Meter cover, then turning knob. This helps prevent accidental reset or tampering.
- Air bleed screws simplify purging air from the system after shutdowns.



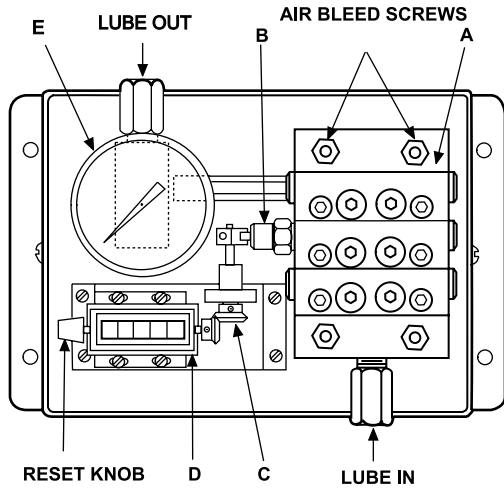
SPECIFICATIONS	
Material (basic)	Steel
Seals	Viton*
Working Pressure (max)	3000 psi (207 bar)
Flow Rate (24 hr day)	2 pints to 200 quarts (0.94 to 189.21 liters)
Volume Measuring Accuracy	± 3%
Pressure Measuring Accuracy	± 2%
Lubricant	Oil
Weight	13 lbs, 6 oz (6.065 kg)

*Viton is a trademark of DuPont Company



Model MH3000 Lube Meter with cover removed

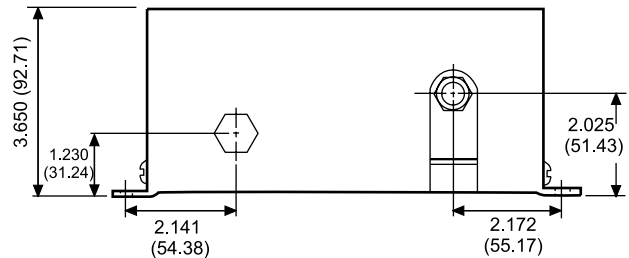
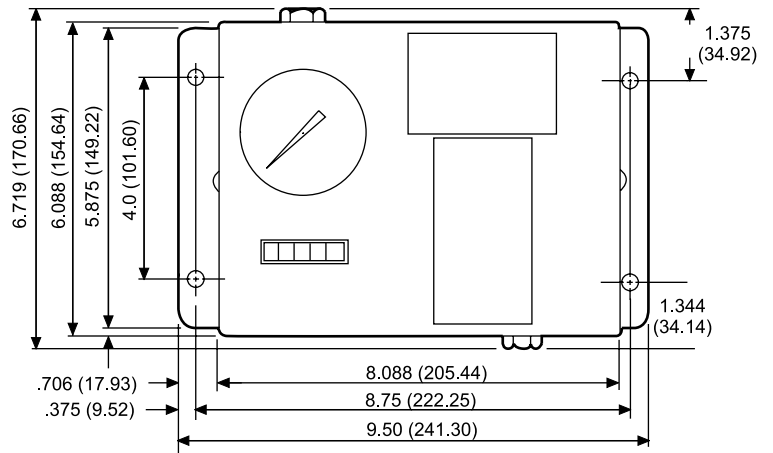
OPERATION



The Lube Meter mounts in series in the oil line between the pump and the master divider valve on the operating equipment. It is operated entirely by the flow of oil through it.

The Lube Meter incorporates an MH Series Progressive Divider Valve (A) ported for one inlet and one outlet line. The pressure gauge (E) monitors system pressure in the outlet line. An indicator pin (B) is connected to one of the divider valve pistons. It makes one complete in-and-out cycle with passage of a specific volume of oil. The pin's in-and-out motion rotates a sturdy spur gear (C) which drives the mechanical counter (D). The counter, in turn, records one count (or cycle) with each completed cycle of the divider valve.

DIMENSIONS Inches (mm)



Look to GRACO, Inc.
for all of your
Centralized Lubrication System needs.

Products include:

DIVIDER VALVES: for oil and grease...to 7,500 psi...
1 to 24 points from a single valve assembly...up to 256 points from a
Master/Secondaries circuit...or systems that handle an entire plant.

PUMPS: fixed and variable displacement...manual and air, hydraulic,
electric motor or mechanically driven.

TIMERS/AUTOMATIC CONTROLS: from simple on/off
to complete flow and pressure monitoring, either time- or machine-
actuated.

ACCESSORY VALVES: balancing, check and flow.

INDICATORS: performance and broken line.

ACCESSORIES: fittings, brackets, clamps, filters
and strainers.

ORDERING INFORMATION

Description	Part No.	Old Part No.
Model MH 3000	564358	510-770-110

For Product Service and Maintenance Refer to Bulletin 44630

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Contact us today!

To receive product information or talk with a Graco representative,
call 800-533-9655 or visit us online at www.graco.com.

