

DATA SHEET

AUTO-LUBE One

A battery powered, self-contained automatic lubricator that provides precise, reliable and economical lubrication

General Description

The AUTO-LUBE ONE is a reusable, battery powered, electro-mechanical lubricator designed for single-point applications. The AUTO-LUBE ONE uses the same proven mechanical design as existing AUTO-LUBE models but in a lower output pressure version and with a highly simplified programming method. It's constant 140psi lubricant output pressure allows the unit to be direct mounted or remote mounted up to 6 feet away from the lube point. It is currently available in a 240cc model. The AUTO-LUBE ONE is self-contained with no external wiring required and can be used plant wide on a variety of applications.



Programming the ONE

The AUTO-LUBE ONE daily lubricant output is programmed using the simple AUTO FITTING system. The Yellow, Green, Red and White timing AUTOs determine how long it takes to empty the lubricant cartridge. There are four basic time settings 1, 3, 6 and 12 months that can handle most applications. Once the appropriate AUTO fittings is installed, the program is retained in the AUTO fitting allowing the user to install a different AUTO-LUBE ONE lubricator and follow the same output program.



Operation

The AUTO-LUBE ONE metered positive displacement pump has been primed before shipment and is ready for use. On first installation, all fittings, lube lines and bearings should be pre-charged with the same lubricant that was ordered with the AUTO-LUBE ONE lubricator. Next, install the appropriate AUTO fitting with the metal adapter on your lube point. Screw the AUTO-LUBE ONE on the AUTO fitting. The unit will cycle once and proceed to follow the program setting. Periodic visual inspection is recommended for all AUTO-LUBE lubricators.

When the lubricant cartridge is empty, unscrew the AUTO-LUBE ONE lubricator from the AUTO fitting. Place the unit on a firm surface, outlet end down. Push down on the clear plastic housing while turning the black plastic locking ring counter-clockwise. The housing and spring assembly will separate from the pump base. Remove the empty cartridge and battery pack and replace with a new one.

Benefits

Reduce production downtime by lubricating your equipment while in operation

Improve safety by remote mounting the lubricator up to 6 feet from lube points in hazardous locations

Easily integrates with your current lubrication program

Reduce lubrication costs by utilizing "Minimal Lubrication Practices"

Specifications

Operation:	Electro-Mechanical, Positive displacement pump
Lubricant cartridge capacity:	240cc (Replaceable)
Compatible lubricants:	Specify lubricant
Connection thread:	1/4 R Male (1/8" or 1/4" NPT Adapter included)
Max operating pressure:	140psi (10 bar)
Temperature range:	5°F to 120°F (-15°C to 50°C)
Output timing settings:	1, 3, 6 or 12 month settings
Power supply:	4.5VDC Alkaline battery pack
External On/Off Control	No
Remote installation:	Up to 6 feet (2 meters)
Reusable:	Yes
Multi-Point capable:	No
Warranty:	3 Year limited

*Maximum lube line length is dependent on ambient temperature, grease type and application back pressure.

Application Photo



Motor application

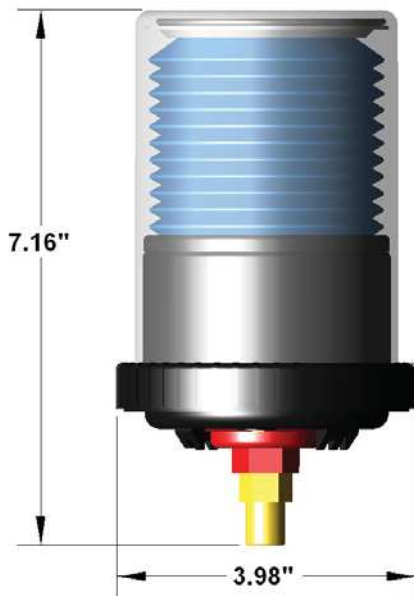
Accessories



Protective Cover



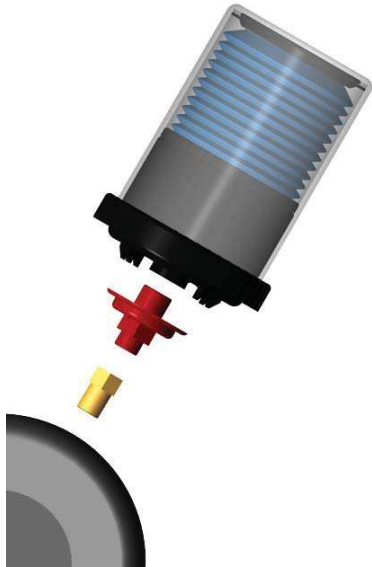
Installation Kit



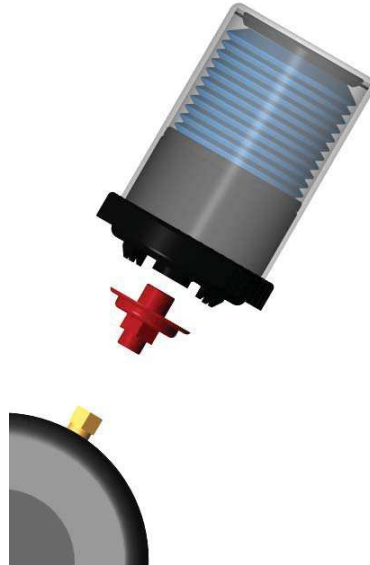
Typical Applications

- *Pumps*
- *Fans*
- *Conveyors*
- *General plant-wide lubrication*

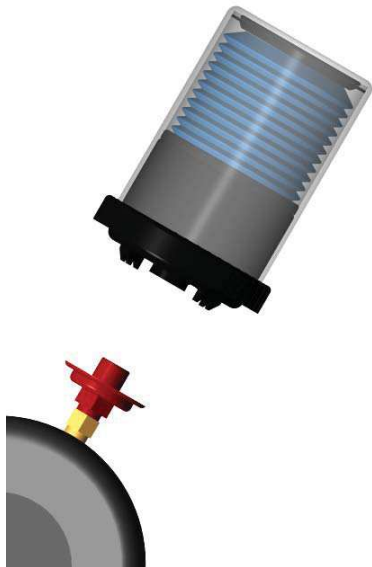
Installation Instructions



The AUTO-LUBE ONE is easy to install.



Step 1 – Install the metal adapter onto the lube point.



Step 2 – Hand tighten the plastic AUTO fitting into the metal adapter.



Step 3 – Screw the AUTO-LUBE ONE lubricator onto the plastic AUTO fitting.

Typical Applications

- Chains & Rails
- Cranes & Hoists
- Elevators/Lifts/Conveyors
- Fans & Blowers
- General Production Equipment
- Machining Center
- Mining Equipment
- Motors & Generators
- Pumps
- Steel Processing