

Series
OL500



IP54  

**Wide Range of Oil Viscosity.
Refillable On-Site. Cost Effective.**



Pulsarlube **OL500**

Features & Advantages

Outstanding Performance

- ▶ A vertical feed pump controlled by a microprocessor allows accurate dispensing and covers a wide viscosity range
- ▶ Large 500ml oil reservoir

Cost Savings

- ▶ Lower maintenance costs than manual lubrication
- ▶ Refillable oil reservoir

Multi-Point Lubrication

High output pressure (10bar) enables long lubelines and multi-point lubrication

User Friendly Programming

Easy to program with built-in LCD and simple button controls

Easy Maintenance

Transparent container for easy visual inspection of remaining oil

Other Features

- ▶ Various dispensing settings to suit a wide range of industrial applications
- ▶ Auto Lockout mode to prevent unintentional system changes
- ▶ Easy to install in confined areas

Typical Industries and Applications



- Bearings
- Chains
- Cable ropes
- Cable tracks
- Pumps
- Motors
- Escalators, etc.

Overview

Product Specifications



Oil Reservoir Capacity

500ml (refillable)

Power Supply

DC 4.5V Battery Pack (replaceable)

Operating Pressure

10bar (145psi) (depends on oil viscosity)

Operating Temperature

Standard Alkaline Battery :
-15°C ~ 60°C (5°F ~ 140°F)
Optional Lithium Battery :
-40°C ~ 60°C (-40°F ~ 140°F)

Dispensing Periods

1, 2, 4, 6, 12, 18, 24 month & H (15 days)

Single Point Remote Installation

Max. 6m (20ft) with Ø4 tube

Multi-Point Installation

Max. 3m (10ft) with O.D. Ø4 tube
(Up to 4 lube points)

Product Certifications & IP Code

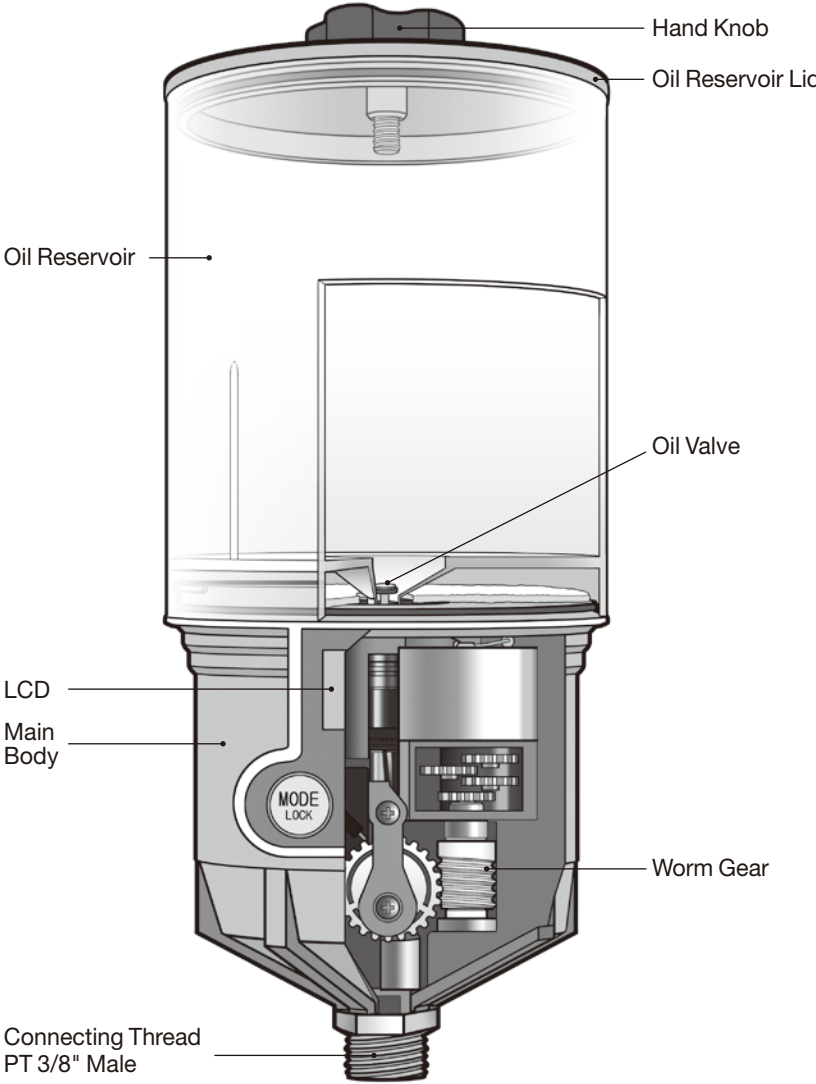
IP54

Oil Viscosity Range

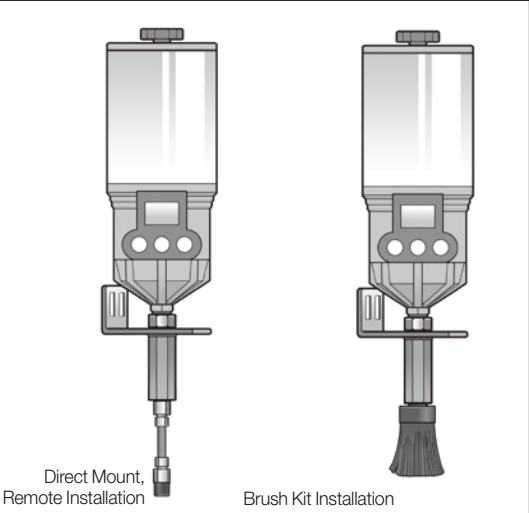
100 ~ 10,000 cSt @ 40°C

* Special instructions available
for 10 ~ 100 cSt @ 40°C

Product Details



Installation Guidelines

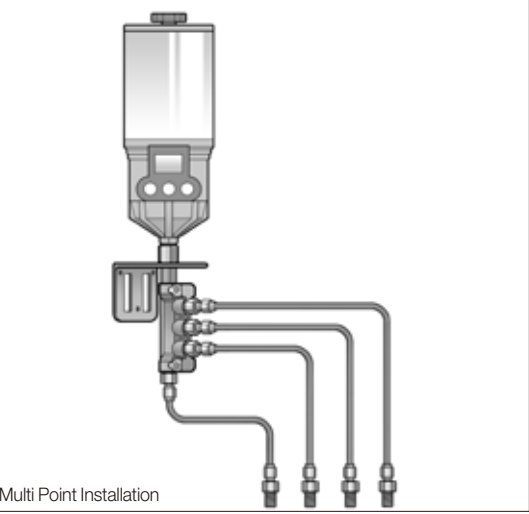


A. Single Point Installation using Brush Kit

Install appropriate accessories and brush kits.

Note

For a complete list of available accessories, refer to the list on the back labeled Accessories for Oil Lubrication.

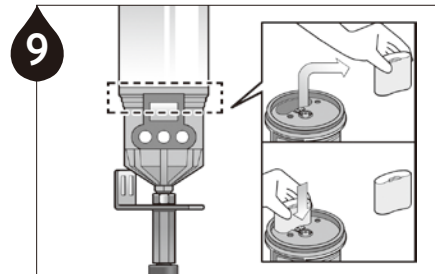
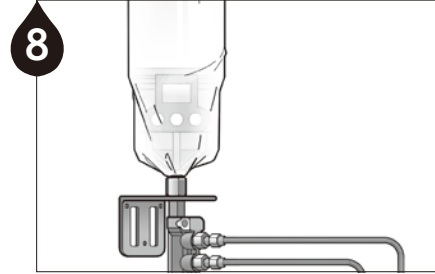
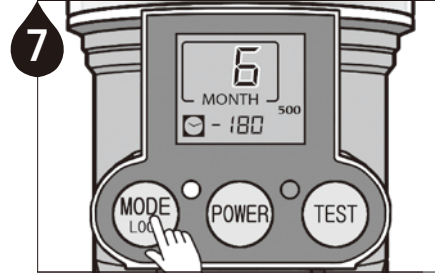
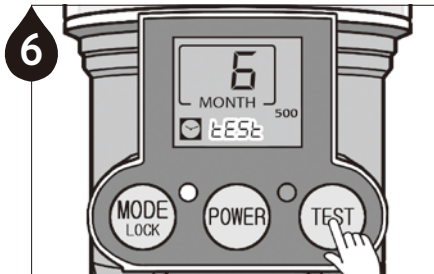
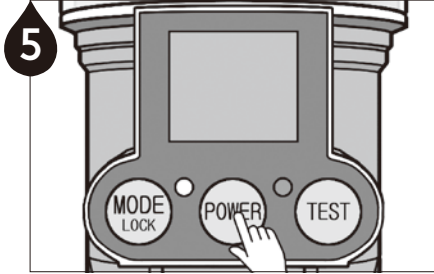
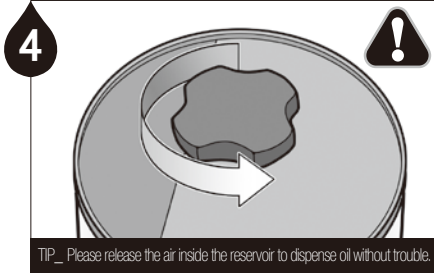
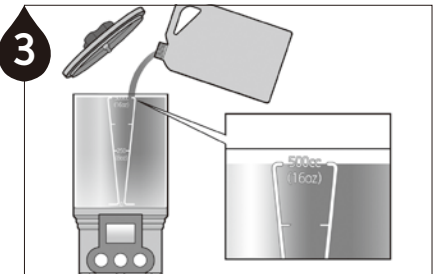
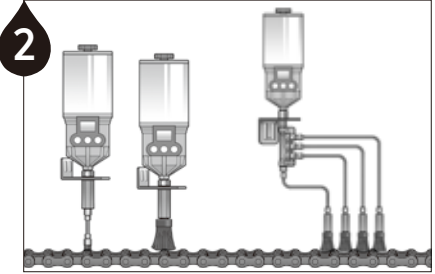


B. Multi Point Installation using Multi Point Installation Kit

Available up to 4 points using oil distributor. (Select the appropriate 1250RO multi-point kit)

Note

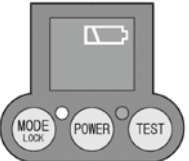
Mount the Pulsarlub OL500 unit in close proximity to the application to keep feed lines as short as possible.



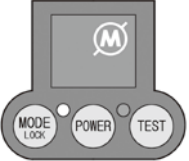
Troubleshooting Guidelines



Symptom : Blank LCD screen
Possible Cause : Electrical malfunction of CPU or circuitry, battery problem
Solution : Replace battery pack or press reset button to restart the lubricator. If the problem persists, contact your supplier.



Symptom : Low Battery Indication
Possible Cause : Rapid power consumption due to improper storage or harsh operating conditions (temperature, humidity, or high backpressure).
Solution : Store the battery pack in cool, dry place and choose proper battery type for application. Optional lithium battery pack is available for more advanced applications.



Symptom : Excessive Backpressure Indication
Possible Cause : Excessive backpressure due to over-oil lubrication, ruptured lube line, long distance remote installation, etc.
Solution : A) Check backpressure at lube point and/or lube line, B) check oil dispensing rate, C) reduce remote installation distance.

Button Operation

MODE LOCK

Dispensing Period

Press to set dispensing period
1, 2, 4, 6, 12, 18, 24 month & 15 days (H)

Automatic Lock Out Mode

Press for 2 seconds to unlock (🔒)

POWER

Power ON/OFF

Press to Power unit On or Off

TEST

TEST Mode

ON : Press for 2 seconds
OFF : Short press of button
(will stop after completion of ongoing cycle)

RESET

Reset to default setting when the unit malfunctions and/or after changing the Service Pack

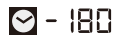
LCD Display



Dispensing period setting



Number of days operation has been on hold due to excessive backpressure



Remaining dispensing days



Low battery power



Automatic Lock Out mode



Operation on hold due to excessive backpressure



Oil reservoir capacity



Empty oil level



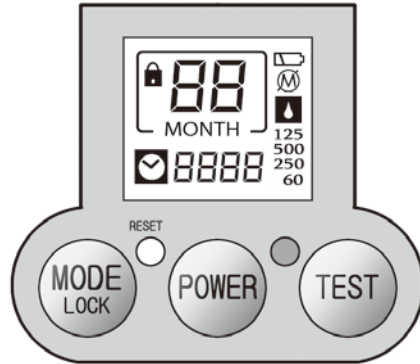
TEST mode



LED blinks when battery is low, excessive backpressure exists, or oil level is empty

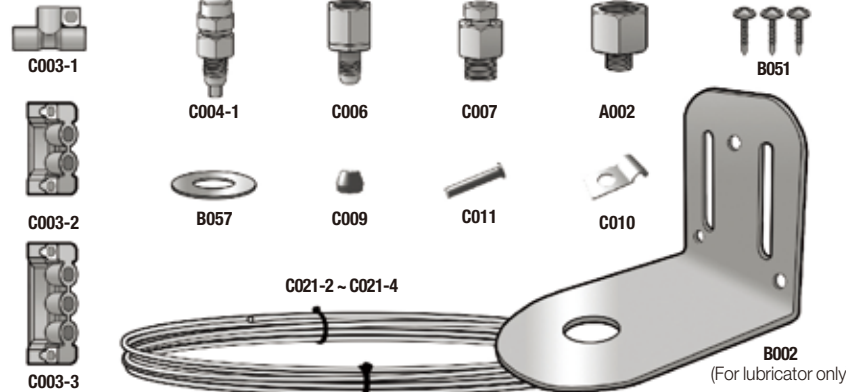


Number of days since the cycle ended (📅) and (🔴) will also display)



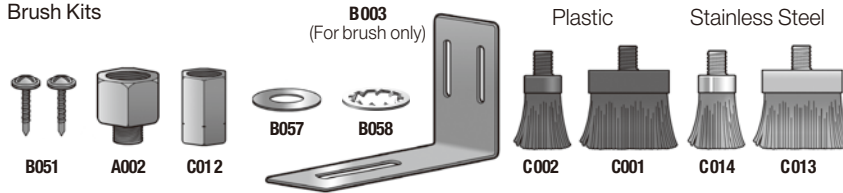
Accessories for Oil Lubrication (Sold Separately)

Remote / Multi Point Installation Kits (1250RO1~4 Kits)

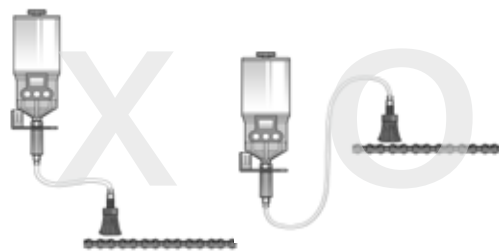


Oil Brush & Bracket Assembly

Brush Kits



1. Use OEM Pulsarlube oil kits to ensure proper lubrication
2. To download installation manuals, please visit our website at www.pulsarlube.com.
➡ Products Pulsarlube Installation Kits ➡ Oil Lubrication
3. Do not use Teflon tape on parts connected to oil distributor (Item no. C003-1~C003-3)



Warning

For oils below ISO VG 100, place the oilers below the lube points and twist the lube lines a couple of times to avoid oil leaks caused by gravity.
For oils below ISO VG 100 – OL500 products should be installed below the lube points.

Shelf life and Product Warranty Warranty is limited to original defects in material and workmanship and will not cover any collateral damage due to mishandling, abuse and /or any other inappropriate use of this product. Warranty period is 1year from the date of purchase.

Rev.00

ISO9001/14001 CE

PULSARLUBE
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PULSARLUBE

User Manual

Pulsarlube
OL500
(500ml)