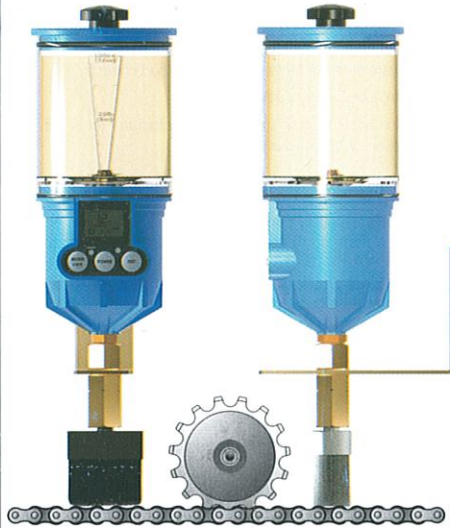
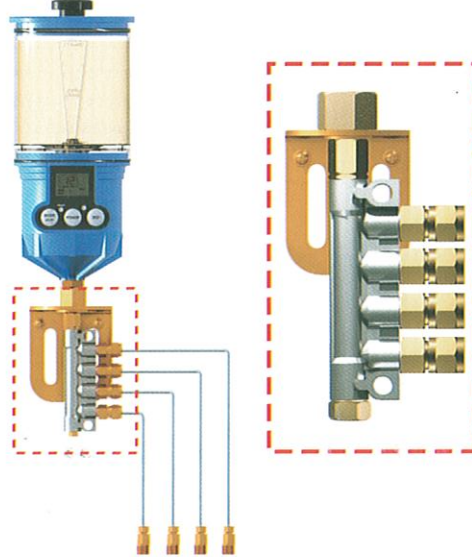


## Available Mounting Options

### Single Point Lubrication



### Multi Point Lubrication (Up to 4 Points)



### Oil Brush & Bracket Assembly

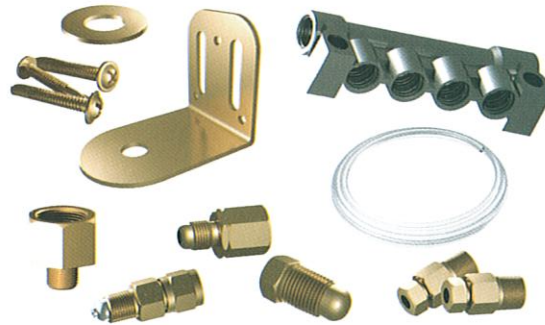


Plastic

Stainless Steel



### Multi Point / Remote Installation Kit



**NOTE** Do not use PTFE tape on parts connected to oil distributor.

## Shelf Life and Product Warranty

The shelf life of each Lubri-Cup OL500 unit is 1 year from the date of production. Product 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 1 year from the date of purchase.



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Doc No. 1072-003 REV. 131119

# LUBRI-CUP™ OL500

## USER MANUAL

Refillable Automatic Oil Lubricator

## Specifications

Specifications	Description
Capacity	500cc (refillable)
Operating Pressure	Avg. 10kgf/cm <sup>2</sup> (145psi) (depending on oil viscosity)
Operating Temperature	-15°C ~ 60°C (5°F ~ 140°F) -40°C ~ 60°C (-40°F ~ 140°F) * * with optional Lithium Battery Pack
Oil Viscosity Range	10 ~ 10,000 cSt @ 40°C
Product Size	Ø94mm (3.7") × 230mm (9")
Weight	0.8kg (1.76 lbs) (excluding the weight of oil)
Available Dispensing Periods	Half (H), 1, 2, 4, 6, 12, 18 & 24 months
Installation Thread Size	3/8" Male BSPT
Multi Point	Up to 4 points
Remote Installation	Available using a 4mm O.D. Nylon tube

**NOTE** Technical information is subject to change without notice.

### Models

Lubri-Cup OL500, 500cc Oil Lubricator

### Before Use

To ensure the safe operation and proper installation of the Lubri-Cup OL500 unit, we strongly recommend that you read the following information carefully before use. If you require further information, please contact your distributor.



## Product Details



### Buttons

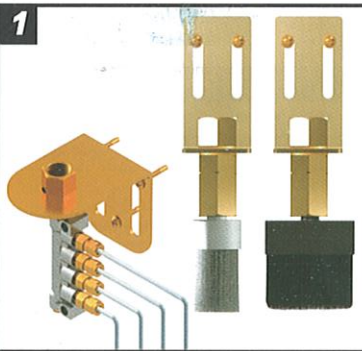
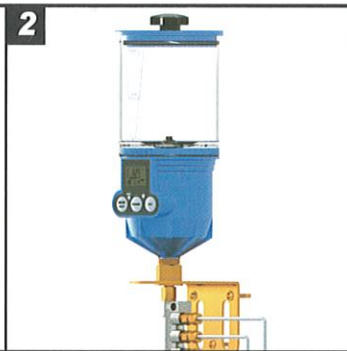
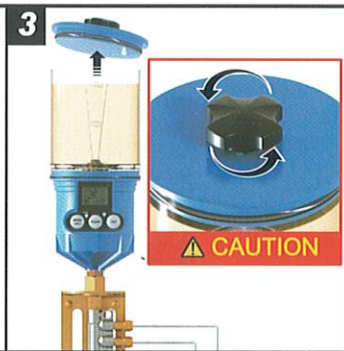

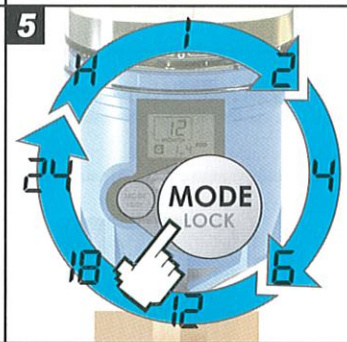
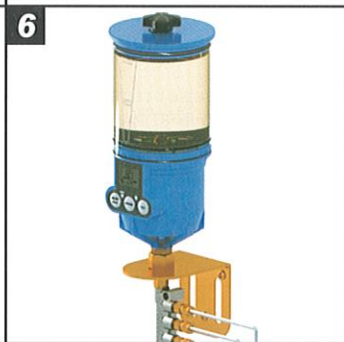
MODE LOCK	Select the dispensing rate in ascending order: 1 ▶ 2 ▶ 4 ▶ 6 ▶ 12 ▶ 18 ▶ 24 ▶ Half (H)
POWER	Deactivate "Automatic Lock Out" by pressing the MODE/LOCK button until the lock icon (Ⓐ) disappears
TEST	Press the POWER button for 2 seconds to turn unit on or off
RESET	Test function prior to installation
	Reset the unit when the unit malfunctions and/or after changing the battery pack

### LCD Display - Function

12 MONTH	The dispensing period setting
360	The # of days remaining until the end of lube cycle
Ⓐ	The unit is in "Automatic Lock Out" mode
500	Oil reservoir capacity
TEST	The test mode is activated
5603	The # of days after dispensing has completed
CH03	The # of days on stand-by mode due to excessive backpressure
Ⓐ	Low battery power
Ⓐ	Excessive backpressure exists
Ⓐ	Empty oil level
Red LED	Signal lamp blinks periodically when battery power is low, excessive backpressure exists, or if oil level is empty


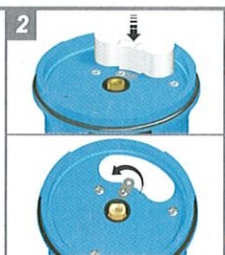
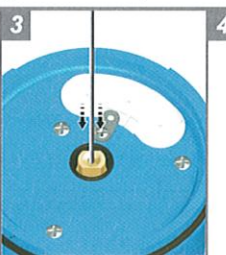




## Installation Instructions - For First Installation

		
<p>Assemble a single or multi-point remote installation kit prior to installation of the OL500.</p> <p><b>NOTE</b> Use of standard Lubri-Cup oil distributor is recommended to ensure proper lubrication.</p>	<p>Install the mounting bracket in a proper location using screws provided.</p> <p>Mount the Lubri-Cup OL500 unit in close proximity to the lube point to keep the total length of feed lines as short as possible.</p>	<p>Take the oil reservoir lid off and fill the reservoir with oil to the 500cc level.</p> <p><b>CAUTION</b> Turn the hand knob counter clockwise 1~2 turns before closing the lid to open the vent and relieve vacuum pressure.</p>
		
<p>Turn on the lubricator and press the TEST button for 2 seconds to run a test cycle. The unit will start to dispense oil and operate continuously in purge / test mode. This process will last approximately 2 minutes to ensure every function of lubricator works properly.</p>	<p>Press the MODE button to program the dispensing period. Each time the MODE button is pressed, the dispensing period changes in ascending order: 1 ▶ 2 ▶ 4 ▶ 6 ▶ 12 ▶ 18 ▶ 24 ▶ H (H=Half month)</p>	<p>Use the included transparent dust cover to keep the unit clean.</p> <p>The installation date and the scheduled date of lube cycle completion should be logged for maintenance purposes.</p>

## How to Replace a Battery Pack

The Lubri-Cup OL500 is a reusable unit but the battery pack **must be replaced** when each dispensing period set is complete.

				
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## Troubleshooting Guideline

Symptom	LCD Display	Possible Cause of Trouble	Troubleshooting Steps
Unit Won't Operate	Normal	<ul style="list-style-type: none"> <li>Electrical malfunction of CPU or circuitry</li> <li>Contact problem (open circuit) at buttons in control panel</li> </ul>	Contact your local supplier or manufacturer for either repair or replacement
	Blank Screen	<ul style="list-style-type: none"> <li>Electrical malfunction of CPU or circuitry</li> <li>Battery pack installed incorrectly</li> <li>Faulty or damaged battery pack</li> <li>Old battery pack was not replaced</li> </ul>	<ol style="list-style-type: none"> <li>Make sure the battery pack is installed correctly</li> <li>Replace battery pack</li> <li>Contact your local supplier or manufacturer for either repair or replacement</li> </ol>
Low Battery Indication		<ul style="list-style-type: none"> <li>Expired battery pack</li> <li>Extreme storage conditions (temperature or humidity)</li> <li>Faulty or damaged battery pack</li> <li>Extreme operating conditions</li> </ul>	<ol style="list-style-type: none"> <li>Ensure operating environment meets requirements</li> <li>Replace battery pack</li> </ol> <p><b>WARNING</b></p> <ul style="list-style-type: none"> <li>The battery pack <b>must be replaced</b> when each dispensing period set is complete</li> <li>Keep battery pack stored in a cool, dry place to prevent damage</li> </ul>
Unit Won't Dispense Oil		<p>Excessive backpressure exists due to:</p> <ul style="list-style-type: none"> <li>High backpressure in lube line due to ruptured lube line, long distance remote installation etc.</li> <li>Low battery power due to extreme operating conditions</li> </ul>	<p>Uninstall the lubricator from the bearing or remote installation kit</p> <p>If after running test mode (M) is still present:</p> <ul style="list-style-type: none"> <li>Replace battery pack</li> <li>Check backpressure in lube line</li> <li>Check grease dispensing rate</li> <li>Reduce remote installation distance</li> <li>Use a lithium battery pack in extreme environments</li> </ul> <p>If after running test mode (M) is no longer present, it is okay to reinstall the lubricator.</p> <ul style="list-style-type: none"> <li>Resolve the cause of backpressure before reinstalling lubricator</li> </ul>
	Normal	<ul style="list-style-type: none"> <li>Pump priming issue due to inadvertently entrapped air pockets</li> </ul>	<ol style="list-style-type: none"> <li>Gently depress the check valve a few times with a thin Allen wrench, screwdriver, or similar tool</li> <li>Run test mode and check that oil is dispensing</li> </ol>

## Lube Cycle & Dispensing Equivalents

Dispensing Period	Lube Cycle	Dispensing Volume	LCD Display
H (Half)	15 min	33.3cc/day	33.3
1month	30 min	16.6cc/day	16.6
2month	1 hr	8.3cc/day	8.3
4month	2 hr	4.2cc/day	4.2
6month	3 hr	2.8cc/day	2.8
12month	6 hr	1.4cc/day	1.4
18month	9 hr	0.9cc/day	0.9
24month	12 hr	0.7cc/day	0.7

**NOTE** Output volume may vary depending on oil viscosity, length of lube line, ambient temperature, etc.