



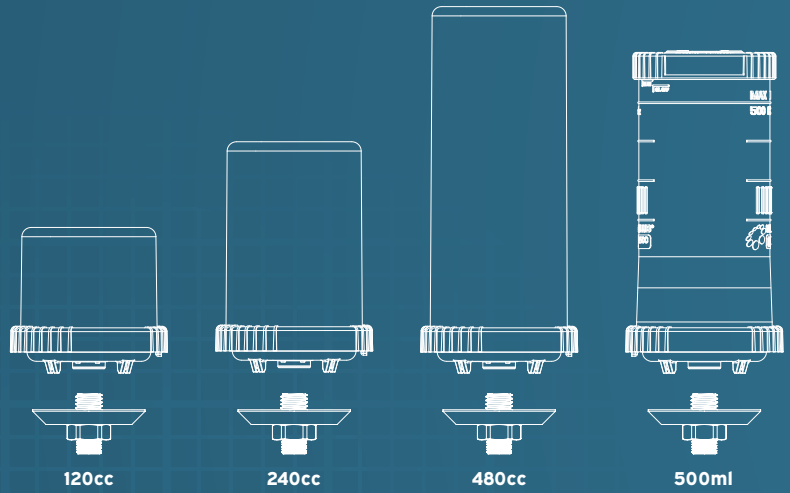
EPS SERIES

**LUBRICATE ON THE PACE
OF YOUR EQUIPMENT.**

WWW.MEMOLUB.COM

LUBRICATE ON THE PACE OF YOUR EQUIPMENT.

- EXTERNALLY POWERED.
- 25 BAR EJECTION PRESSURE.
- UP TO 12 OUTLETS.
- REMOTE INSTALLATION UP TO 8M.
- OPTIONAL BUILD-IN VISUAL FEEDBACK.



POWERED EXTERNALLY

The MEMOLUB EPS series is supplied with a 30cm wire lead that is connected to an external power source. A constant 24VDC power is supplied during periods of machine operation and will continue to follow the program until power is removed. When initial power is supplied to the MEMOLUB EPS Series lubricators they will cycle once and then follow the preset program of choice. When power is turned off the lubrication cycle stops until power is reestablished.

VISUAL FEEDBACK AS A PLUS.

The newly added MEMOLUB EPS PLUS models include an integrated visual feedback system, providing clear indicators of operation and alerts for any issues, ensuring reliability and ease of maintenance across a wide range of applications.



Active: a pumping cycle ran successfully.



Alert: an error occurred.



THE RIGHT TYPE OF LUBRICANT

+



THE RIGHT QUANTITY OF LUBRICANT

+



THE RIGHT FREQUENCY OF LUBRICATION

+



THE RIGHT LOCATION OF LUBRICATION

EFFICIENT LUBRICATION = COST SAVINGS



THE RIGHT VOLUME AT THE RIGHT FREQUENCY.

There are 7 basic frequency settings that are suitable for most industrial applications. They are programmed by installing one or a combination of the three colored timing rings into the ring holder attached to the brass fitting. When you screw the MEMOLUB lubricator onto the brass fitting, the timing rings depress the switches on the bottom of the lubricator. The combination of the depressed switches will determine the pumping frequency. Included in the kit are eight spacer washers for adjusting the amount of lubricant discharged per pumping cycle.

TECHNICAL SPECIFICATIONS

MEMO SETTING

AVERAGE DAILY OUTPUT ⁽¹⁾ (IN CM³)

DOSING FREQUENCY

CARTRIDGE REPLACEMENT INTERVAL

120CC CARTRIDGE (IN MONTHS)

240CC CARTRIDGE (IN MONTHS)

480CC CARTRIDGE (IN MONTHS)

MAXIMUM STROKE PRESSURE

POWER SOURCE

REMOTE INSTALLATION DISTANCE ⁽²⁾

PROGRESSIVE DISTRIBUTOR BLOCK

EXTERNAL TUBING

LUBRICANTS

TEMPERATURE EXPOSURE RANGE

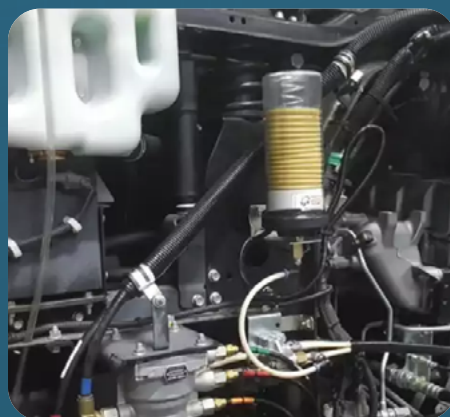
CONNECTIONS

VISUAL ALARMS

EXTRA FEATURES

EPS						
⚡ ⚙️						
14.4	7.2	2.4	1.2	0.9	0.6	0.3
1h	2h	6h	12h	16h	24h	48h
1/4	1/2	1,5	3	4	6	12
1/2	1	3	6	8	12	-
1	2	6	12	16	-	-
25 bar / 350 psi						
External 24 V DC - Minimum 24W - 10A						
Up to 8 meters						
Compatible - 2, 4, 6, 8, 10, 12 outlets						
ø 8mm						
Oil & Grease, up to NGLI #2 with an oil base between 100 and 460 cSt ⁽³⁾						
-20°C to 60°C ⁽⁴⁾						
1/4 BSP						
N/A						
-						

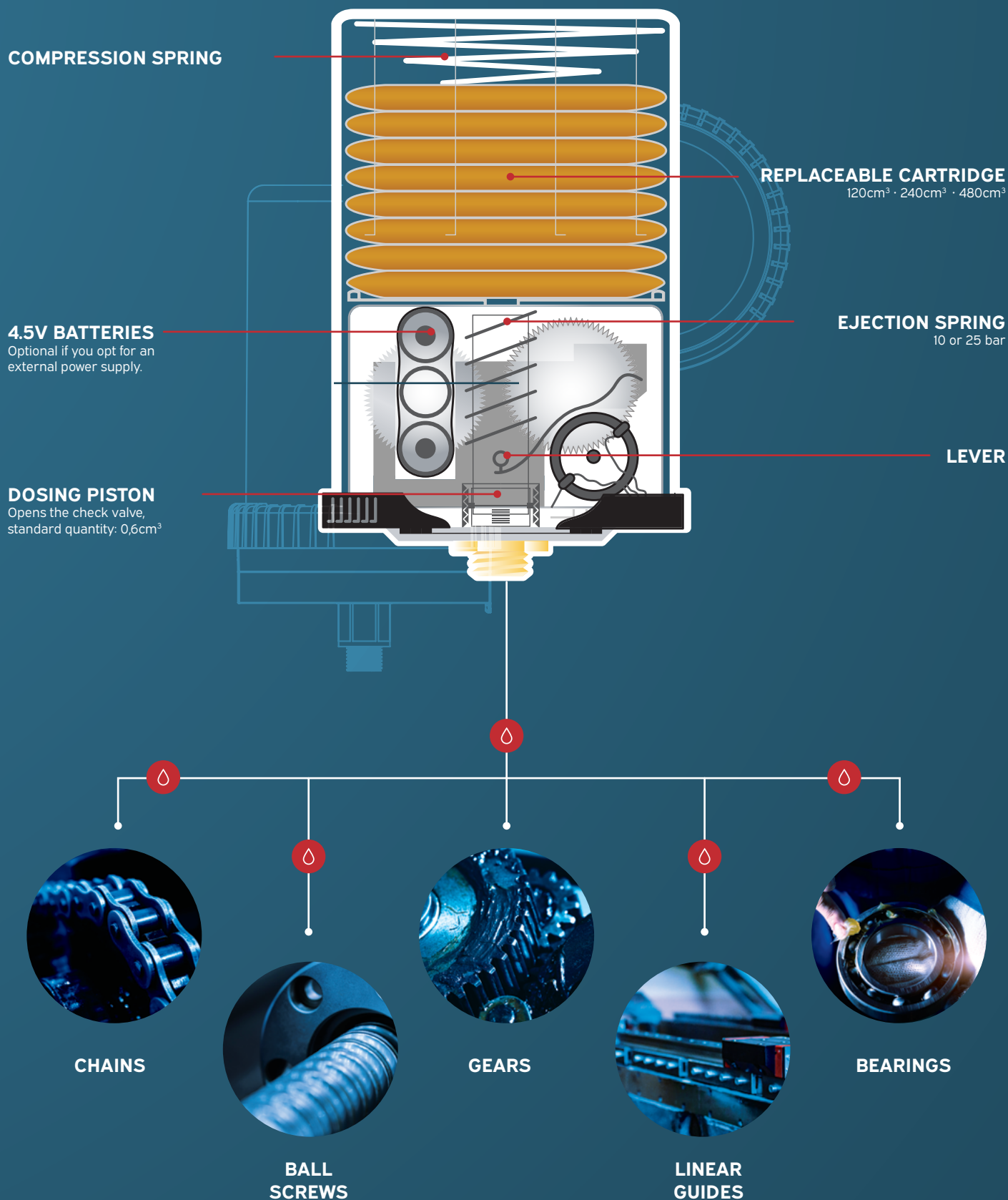
EPS PLUS						
⚡ ⚙️ ⚠️						
14.4	7.2	2.4	1.2	0.9	0.6	0.3
1h	2h	6h	12h	16h	24h	48h
1/4	1/2	1,5	3	4	6	12
1/2	1	3	6	8	12	-
1	2	6	12	16	-	-
25 bar / 350 psi						
External 12-24 V DC - Minimum 15W - 0.6A						
Up to 8 meters						
Compatible - 2, 4, 6, 8, 10, 12 outlets						
ø 8mm						
Oil & Grease, up to NGLI #2 with an oil base between 100 and 460 cSt ⁽³⁾						
-40°C to 60°C ⁽⁴⁾						
1/4 BSP						
STATUS OK ERROR						
-						



⁽¹⁾ The average daily output is adjustable by using stroke washers whereby the amount of lubricant discharged per pumping cycle can be adjusted to your specific needs.
⁽²⁾ Tested with NGLI 2 grease at 20°C. ⁽³⁾ For any other viscosity level, please contact your representative. ⁽⁴⁾ Only applicable with lubricant adapted for low temperatures.

A POWERFUL AND EFFICIENT PUMP.

The Memolub pump is engineered to deliver powerful output pressure and is capable of pumping low- and high viscosity lubricants at extreme temperatures. Thanks to the patented electro-mechanical technology inside Memolub, the system is safe for the negative consequences of back-pressure.





SAFETY

High output pressure makes remote lubrication of difficult or dangerous lube points possible.



SAVINGS

Reduced lubricant consumption minimizes maintenance cost and total cost of ownership.



RELIABILITY

Patented technology delivers lubricant at the right place, in time and at right quantity.

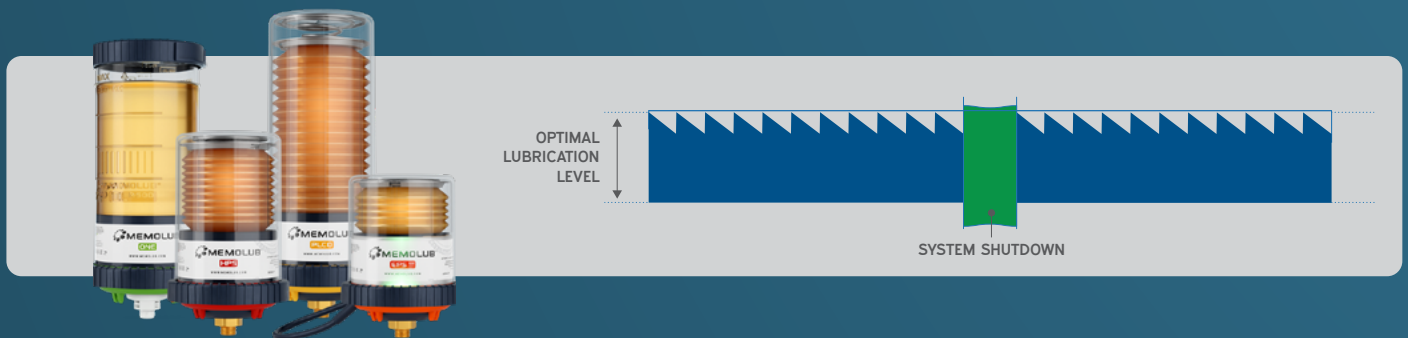


SUSTAINABILITY

A robust and reusable unit that minimizes lubricant waste due to precise metering.

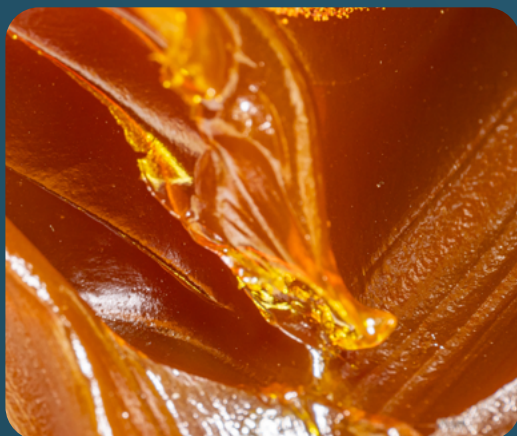
MEMOLUB'S PATENTED ADAPTIVE EJECTION TECHNOLOGY.

In all industries maintaining lubrication quality is just as important as protecting critical machine components. Excessive pressure in lubrication systems can lead to oil separation, reducing the lubricant's effectiveness and causing premature wear. Factors such as tubing diameter, lubricant viscosity, and ambient temperature influence back pressure, but the speed-to-pressure ratio during lubricant expulsion is the key determinant.



MEMOLUB's patented system uses a spring-driven piston to avoid excessive pressure buildup. The stored energy in the spring powers the piston, steadily pushing the lubricant through the system. This gradual, low-speed pressure ensures the lubricant reaches the end point of the application over the intended time — reliably and without force.

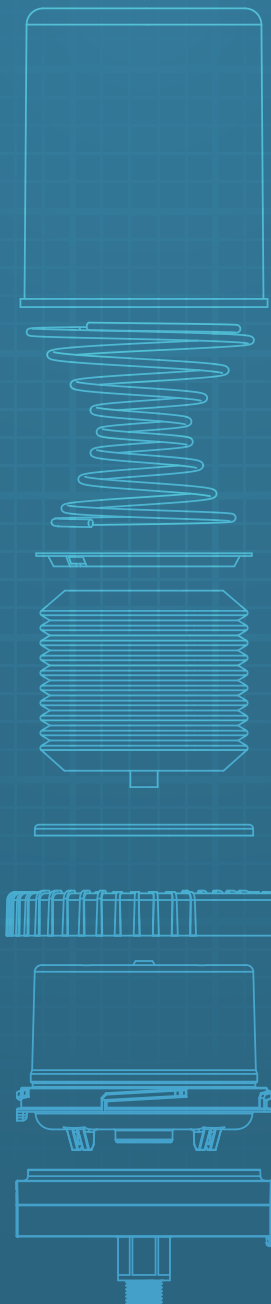
Unlike conventional systems where a gear motor directly drives the piston and causes pressure spikes when flow is restricted, this indirect drive system avoids motor strain. It ensures consistent delivery of heavy lubricants at low temperatures and adapts to varying line lengths or resistance.



THE MOST GREASE-FRIENDLY LUBRICATION SYSTEM. EVER.

Greases, a mix of oils and thickeners, act like oil-filled sponges. Under heat or pressure, they “bleed,” separating oil from soap and altering their properties. In most gas-driven and some electromechanical lubricators, grease remains under constant pressure, even at low levels. This causes oil separation, leading to soap build-up, clogs, and system issues.

Memolub's advanced systems avoid this by using a non-pressurized reservoir. Only small doses of grease are dispensed, minimizing separation and ensuring smooth, consistent lubrication.



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YOUR AUTHORISED DISTRIBUTOR: