



CONNECT SERIES

**WELCOME TO THE ERA
OF CONNECTED LUBRICATION.**

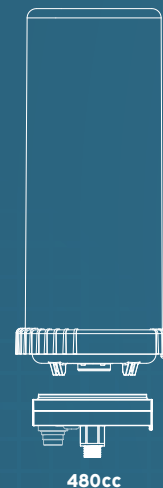
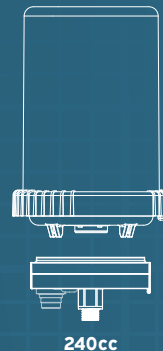
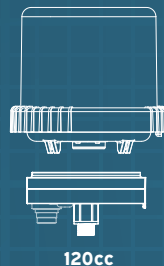


WWW.MEMOLUB.COM

CONNECT^{PRO}

WELCOME TO THE ERA OF CONNECTED LUBRICATION.

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



UNLEASHING LORAWAN'S POTENTIAL IN AUTOMATIC LUBRICATION

Discover the unparalleled advantages of integrating LoRaWAN into MEMOLUB® CONNECT^{PRO}. With its extensive coverage, your operations reach new horizons. Low power consumption ensures longevity, while cost-effectiveness boosts your bottom line. Real-time monitoring keeps you informed, while scalability adapts to your growth. Robust reliability ensures uninterrupted connectivity in any environment.

VISUAL MONITORING AND FEEDBACK WITH AI-DRIVEN PRECISION.

MEMOLUB VISIO Series leverages AI and machine learning to analyse lubricant flow within the pump, detecting issues like system back pressure, clogging, and empty cartridges by monitoring vibration and sound patterns. This advanced analysis allows maintenance teams to closely monitor lubrication across their machine park. When the system identifies a potential issue, visual feedback is provided through integrated LEDs, enabling timely intervention and ensuring optimal performance.



Active: a pumping cycle ran successfully.



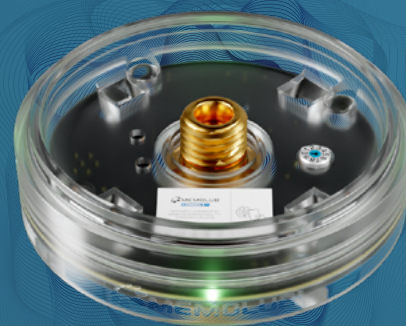
Warning: the cartridge and/or battery is almost empty.



Alert: an error occurred.



Data transmission successful.



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 IS KEY.

There are 9 main frequency settings available that are suitable for most industrial applications, as well as the option to control your MEMOLUB CONNECT PRO by PLC. They are programmed by selecting your preferred setting with one of the MEMOLUB CONNECT SERIES base modules. With the help of stroke washers the amount of lubricant discharged per lube cycle is adjustable. Installing one, or a combination of multiple stroke washers, into the fitting will limit the stroke length of the piston inside the lubricator and leads up to 80 possible frequency/volume settings.

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

CONNECT PRO										
	0	1	2	3	4	5	6	7	8	9
PLC		0.3	0.6	0.9	1.2	1.8	2.4	3.6	7.2	14.4
PLC		48h	24h	16h	12h	8h	6h	4h	2h	1h
-		12	6	4	3	2	1.5	1	1/2	1/4
-		24	12	8	6	4	3	2	1	1/2
-		48	24	16	12	6	6	4	2	1
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										
OK WARNING ERROR DATA										
LoRaWAN + Bluetooth										



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.



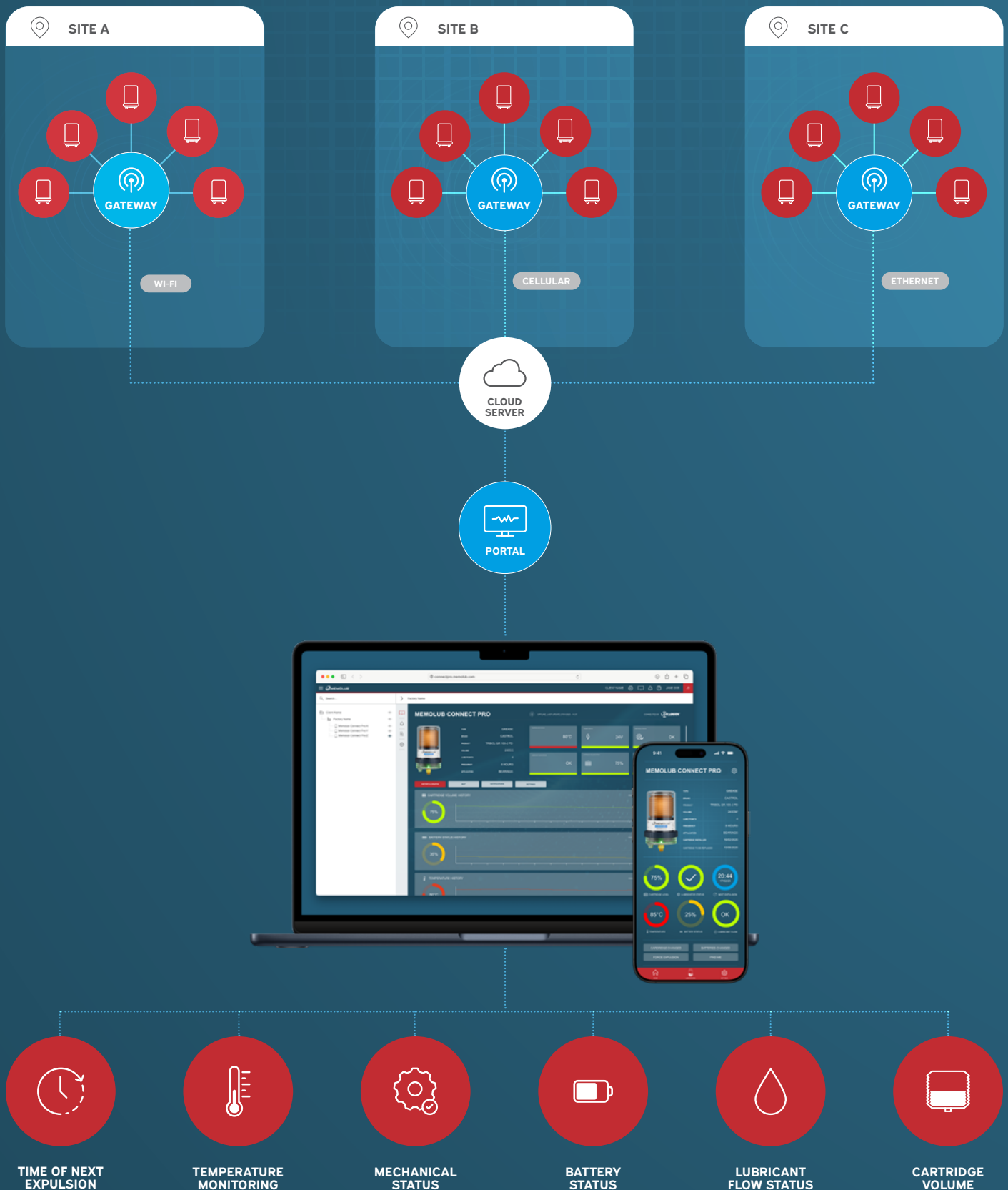
SUSTAINABILITY

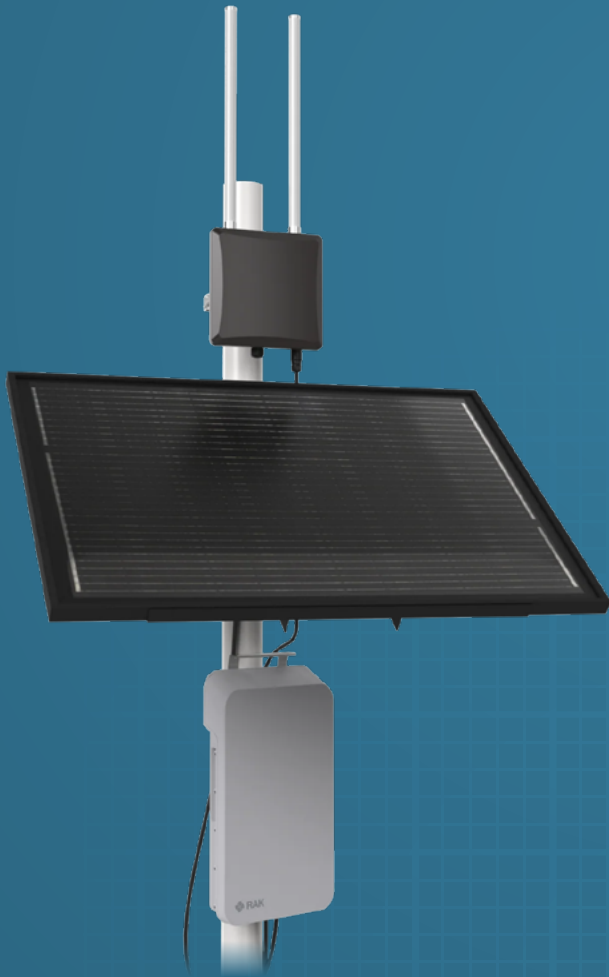
A robust and reusable unit that minimizes lubricant waste due to precise metering.

⁽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.

POWERFUL MAINTENANCE INSIGHTS AT A GLANCE.

Dive deeper into precision maintenance with the MEMOLUB CONNECT ^{PRO} online portal, where managing your MEMOLUB CONNECT ^{PRO} lubricators transitions from task to simplicity. This comprehensive platform not only allows you to monitor essential parameters like lubricant levels and system performance in real-time but also offers insights into usage patterns and predictive maintenance needs. The dashboard's intuitive design ensures that, regardless of your technical expertise, you'll find navigating and optimizing your automatic lubrication system's operations straightforward and effective. Embrace the future of maintenance management, where convenience meets innovation, ensuring your operations run smoothly and reliably without the guesswork.





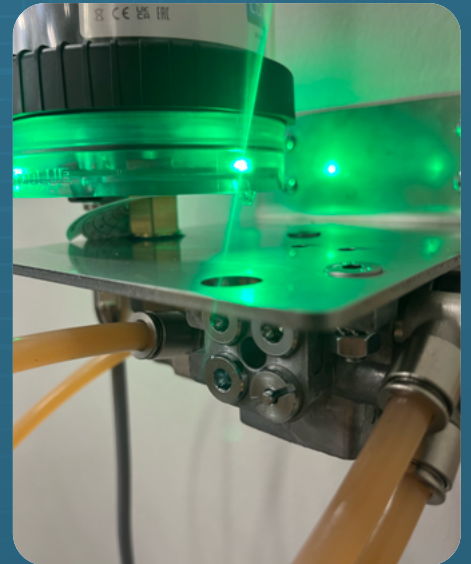
SCALABLE, PLUG-AND-PLAY IOT ACCESS

Offered as an accessory to the Memolub Connect Pro automatic lubricator, our plug-and-play IoT gateway enables centralized monitoring and communication across large or distributed facilities, without requiring complex configuration or technical setup.

The gateway seamlessly links multiple Memolub Connect ^{PRO} units, making it easy to establish a scalable network for real-time data access, remote monitoring, and streamlined maintenance management. Whether deployed across a single site or a multi-building complex, this solution gives teams full visibility into lubrication activity, helping reduce downtime, extend equipment life, and optimize service schedules.

Designed with deployment flexibility in mind, the gateway supports both standard wired power and optional solar/battery kits, ideal for remote or infrastructure-limited locations.

For customers who prefer to connect the Memolub Connect Pro directly to their own IoT infrastructure, this is fully supported. However, please note that in such custom integrations, access to the Memolub online platform will no longer be available.



CONNECTING LUBRICATION IN 40 COUNTRIES!

The Memolub Connect Gateway can establish a comprehensive IoT network across a multi-building complex, facilitating communication between various devices and systems. Easily gain centralized control and monitoring capabilities for building automation, security systems, and resource management. This leads to improved operational efficiency, reduced energy consumption, and enhanced overall management of the complex.





DIRECT INSTALLATION

Installed directly onto the lubrication point, the Memolub lubricator ensures immediate, efficient grease delivery with minimal setup.



REMOTE INSTALLATION

Memolub can be installed remotely up to 10 meters from the lubrication point using a grease line, ideal for hard-to-reach or hazardous areas.



MULTI-POINT INSTALLATION

A single Memolub lubricator can supply grease to multiple points using a distribution block, simplifying maintenance.

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.



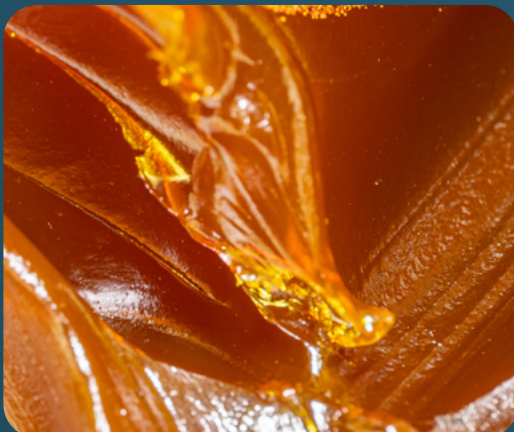
OPTIMAL
LUBRICATION
LEVEL



SYSTEM SHUTDOWN

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.



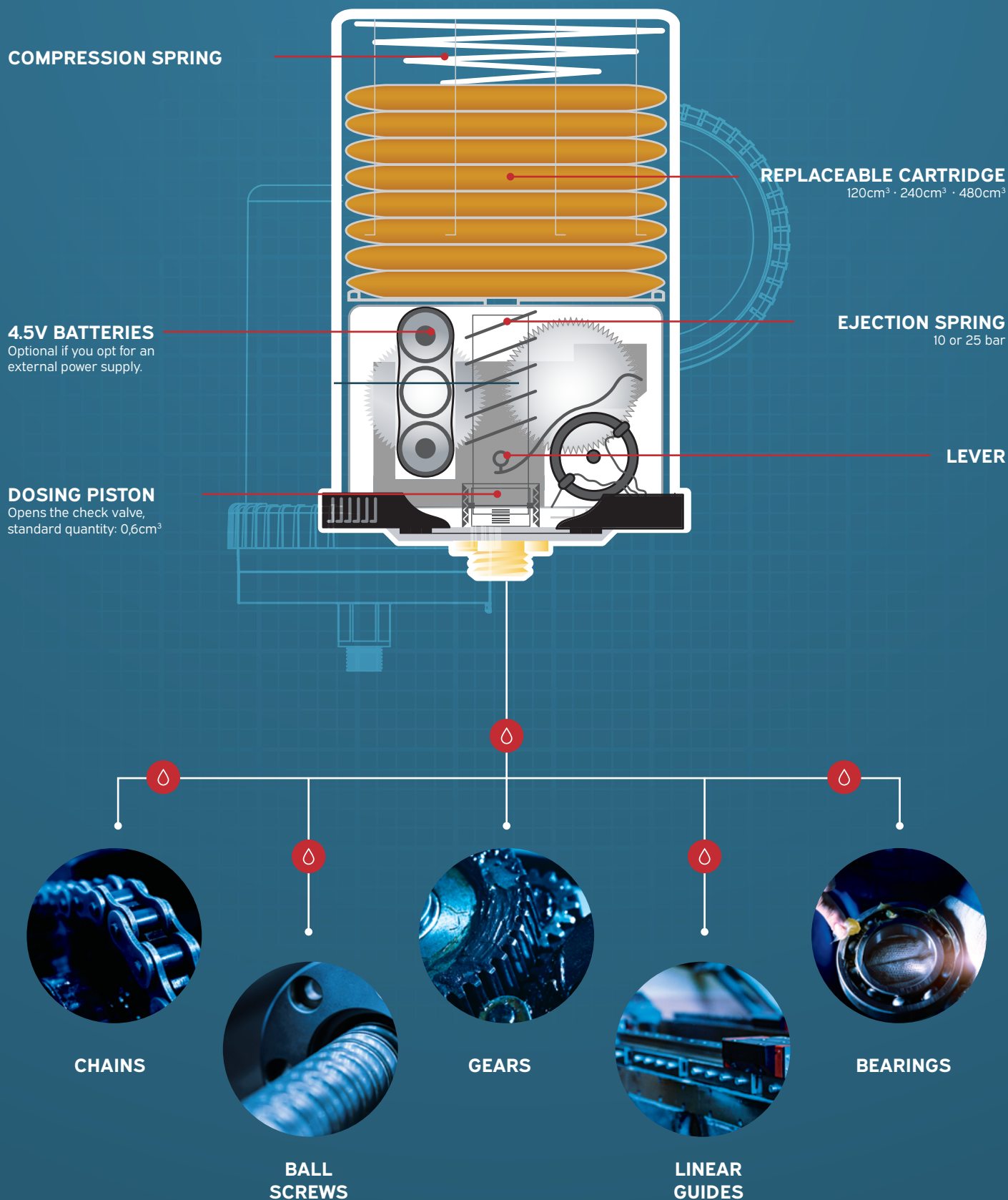
THE MOST GREASE-FRIENDLY LUBRICATION SYSTEM. EVER.

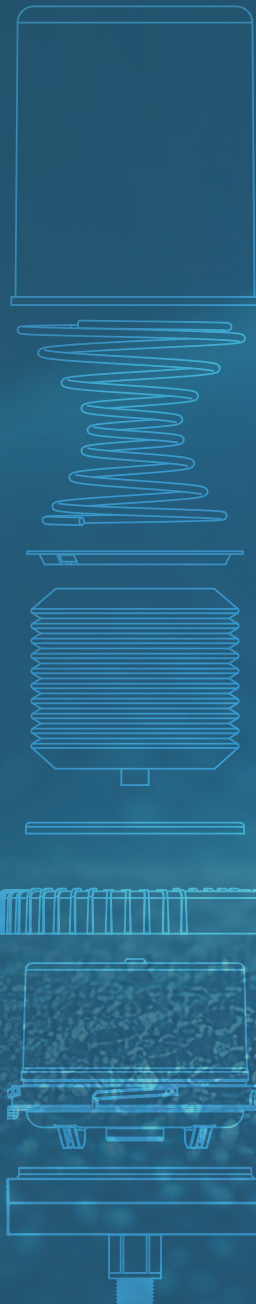
Greases, a mix of oils and thickeners, act like oil-filled sponges. Under heat or pressure, they "bleed," separating oil from soap and altering their properties. In most gas-driven and some electromechanical lubricators, grease remains under constant pressure, even at low levels. This causes oil separation,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

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.





MEMOLUB INTERNATIONAL NV/SA
RUE BOLLINCKX 43 - 1070 BRUSSELS - BELGIUM
INFO@MEMOLUB.BE

MEMOLUB.COM



YOUR AUTHORISED DISTRIBUTOR: