

HPS SERIES

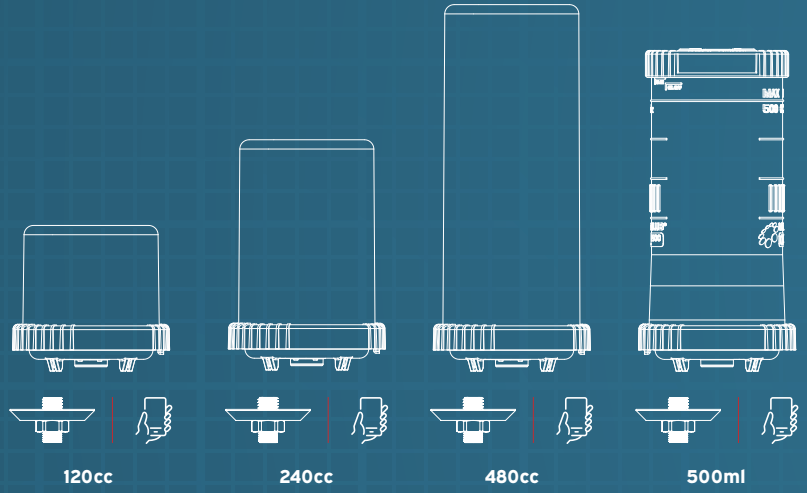
**THE MOST VERSATILE
LUBRICATORS AROUND.**

WWW.MEMOLUB.COM



THE MOST VERSATILE LUBRICATORS AROUND.

- BATTERY POWERED.
- 25 BAR EJECTION PRESSURE.
- UP TO 8 OUTLETS.
- REMOTE INSTALLATION UP TO 8M
- 7 SETTINGS
- BUILD-IN VISUAL FEEDBACK
- SHORT-RANGE WIRELESS CONNECTIVITY



THE RIGHT VOLUME AT THE RIGHT FREQUENCY.

The MEMOLUB HPS Series features versatile electromechanical lubricators for single-point use or multi-point lubrication. All models deliver precise amounts of lubricant at regular intervals, ensuring a continuous supply of fresh lubricant. The HPS and HPS PLUS offer seven frequency settings configured via colored timing rings, with adjustable output using spacer washers. The HPS BLUE provides the same performance, with settings programmed through the Memolub app, allowing users to select one of the seven presets or define a custom interval.

TECHNICAL SPECIFICATIONS

MEMO SETTING

DOSING FREQUENCY

AVERAGE DAILY OUTPUT⁽¹⁾ (IN CM³)

CARTRIDGE REPLACEMENT INTERVAL

120CC CARTRIDGE (IN MONTHS)

240CC CARTRIDGE (IN MONTHS)

480CC CARTRIDGE (IN MONTHS)

MAXIMUM STROKE PRESSURE

POWER SOURCE

REMOTE INSTALLATION DISTANCE

PROGRESSIVE DISTRIBUTOR BLOCK

EXTERNAL TUBING

LUBRICANTS

TEMPERATURE EXPOSURE RANGE

CONNECTIONS

VISUAL ALARMS

EXTRA FEATURES

	HPS							HPS PLUS						
AVERAGE DAILY OUTPUT ⁽¹⁾ (IN CM ³)	14.4	7.2	2.4	1.2	0.9	0.6	0.3	14.4	7.2	2.4	1.2	0.9	0.6	0.3
120CC CARTRIDGE (IN MONTHS)	1/4	1/2	1.5	3	4	6	12	1/4	1/2	1.5	3	4	6	12
240CC CARTRIDGE (IN MONTHS)	1/2	1	3	6	8	12	-	1/2	1	3	6	8	12	-
480CC CARTRIDGE (IN MONTHS)	1	2	6	12	16	-	-	1	2	6	12	16	-	-
MAXIMUM STROKE PRESSURE	25 bar / 350 psi							25 bar / 350 psi						
POWER SOURCE	3 x 1.5 V DC Alkaline AA-LR6 batteries							3 x 1.5 V DC Alkaline AA-LR6 batteries						
REMOTE INSTALLATION DISTANCE	Up to 8 meters ⁽²⁾							Up to 8 meters ⁽²⁾						
PROGRESSIVE DISTRIBUTOR BLOCK	Compatible - 2, 4, 6, 8, 10, 12 outlets							Compatible - 2, 4, 6, 8, 10, 12 outlets						
EXTERNAL TUBING	ø 8mm							ø 8mm						
LUBRICANTS	Oil & Grease, NGLI #2 with an oil base up to 1500 cSt ⁽⁴⁾							Oil & Grease, NGLI #2 with an oil base up to 1500 cSt ⁽⁴⁾						
TEMPERATURE EXPOSURE RANGE	-20°C to 60°C ^{(5) (6)}							-40°C to 60°C ^{(5) (6)}						
CONNECTIONS	1/4 BSP							1/4 BSP						
VISUAL ALARMS	N/A							STATUS OK ERROR						
EXTRA FEATURES	-							-						

⁽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 batteries and lubricant adapted for low temperatures. ⁽⁵⁾ For ATEX environments, the mentioned ATEX certification only covers a temperature range from -20°C up to +40°C.



VISUAL FEEDBACK AS A PLUS.

The MEMOLUB HPS PLUS and the newly added MEMOLUB HPS BLUE 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.



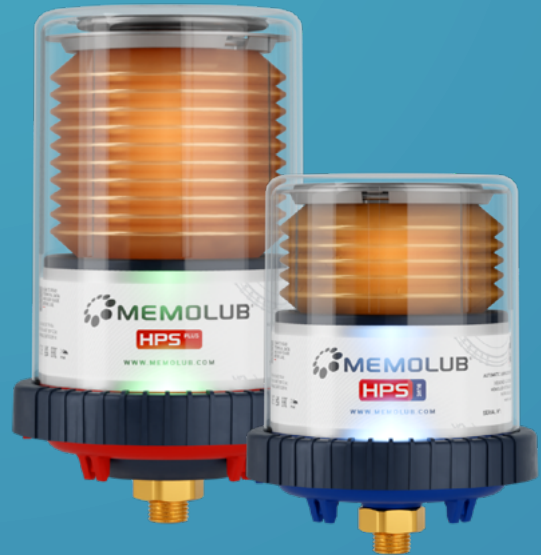
Active: a pumping cycle ran successfully.



Alert: an error occurred.



Data connection successful.*



NEW

HPS PLUS



PRE-SETTINGS VIA APP

1h	2h	6h	12h	16h	24h	48h	CUSTOM VIA APP
14.4	7.2	2.4	1.2	0.9	0.6	0.3	setup via app calculated by app
1/4	1/2	1.5	3	4	6	12	calculated by app
1/2	1	3	6	8	12	-	calculated by app
1	2	6	12	16	-	-	calculated by app

25 bar / 350 psi

3 x 1.5 V DC Alkaline AA-LR6 batteries

Up to 8 meters (2)

Compatible - 2, 4, 6, 8, 10, 12 outlets

ø 8mm

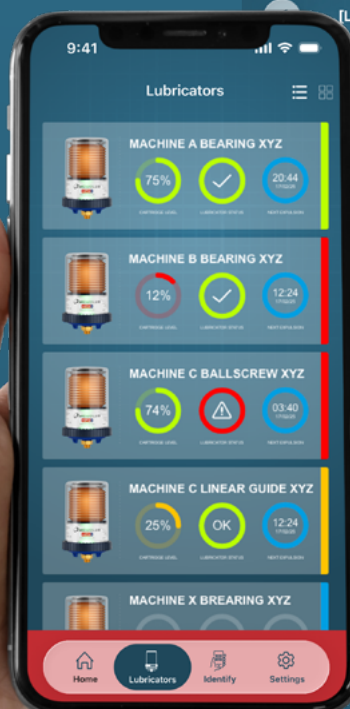
Oil & Grease, NGLI #2 with an oil base up to 1500 cSt (4)

-40°C to 60°C (5) (6)

1/4 BSP

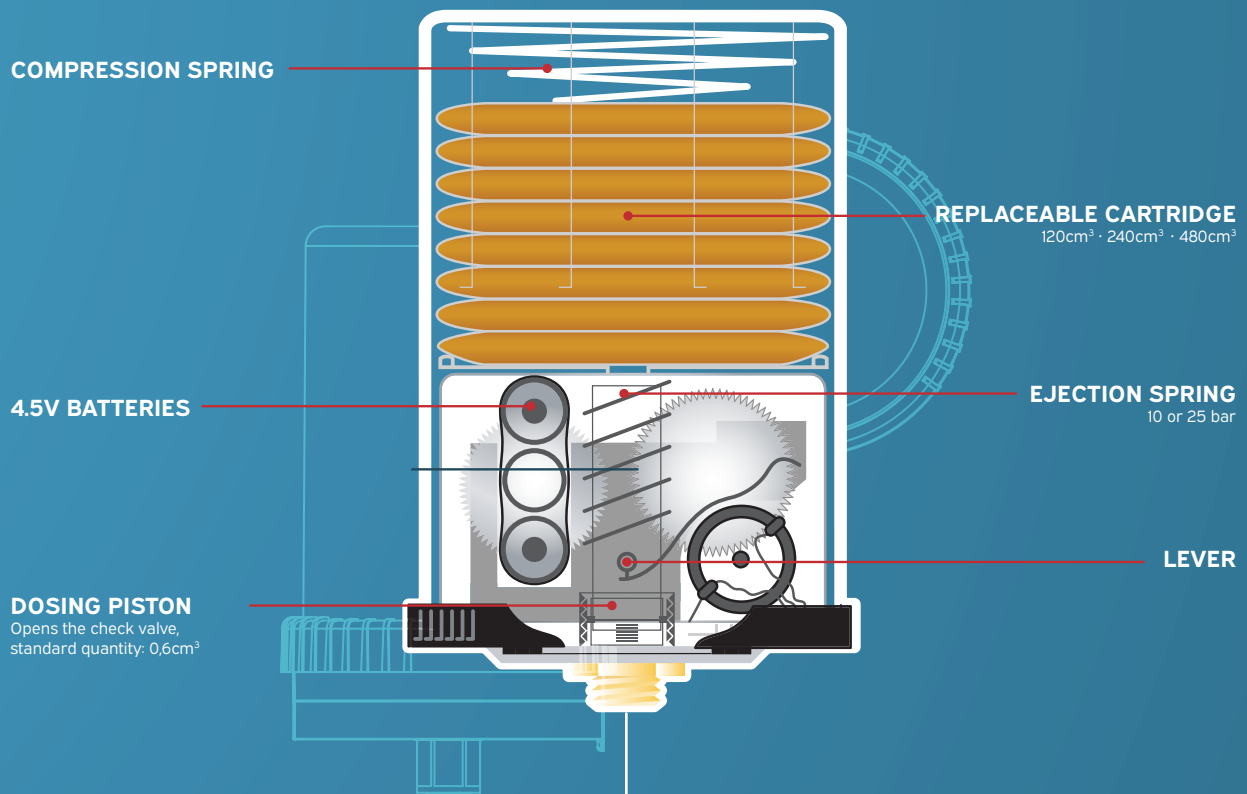
STATUS OK ERROR CONNECTIVITY

Short-range wireless connectivity



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.



CHAINS



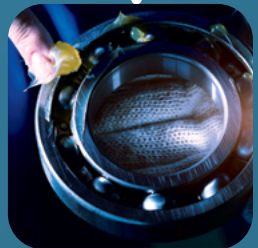
BALL SCREWS



GEARS



LINEAR GUIDES



BEARINGS

ROBUST LUBRICATION WITH ATEX & IP66 PROTECTION.

The Memolub HPS Series is ATEX Zone 2 & 22 certified, making it a safe choice for industries operating in hazardous conditions. With IP66 compliance, it withstands dust ingress and powerful water jets, ensuring durability in challenging environments.



EX II 3 G Ex nC IIB T6 Gc
EX II 3 D Ex tc IIIC T85°C IP66 Dc





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.

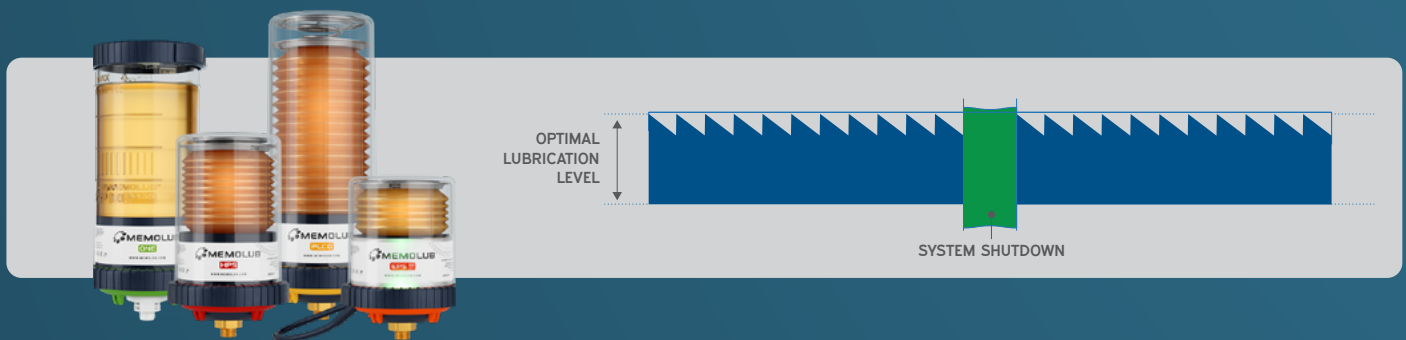


SUSTAINABILITY

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 prevents excessive pressure by using a spring-driven piston, ensuring precise, consistent lubrication to linear guides, bearings, and recirculating components. This protects lubricant integrity, reduces friction and wear, and boosts efficiency across industries like automotive, packaging, machine tools, and food processing.

Unlike conventional systems where the gear motor directly drives the piston—causing pressure spikes if flow is restricted, MEMOLUB uses a wound spring to power the piston. This indirect drive avoids motor strain, maintains stable delivery, and adapts to varied 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 FULL RANGE OF ENGINEERED SOLUTIONS FOR AUTOMATIC LUBRICATION.

SINGLE POINT

YOUR FIRST STEP TO BETTER MAINTENANCE.

QUICKLUBER

5 BAR



AUTOMATIC MICRO LUBRICATION MADE EASY.

ONE SERIES

EM SERIES

10 BAR



SINGLE AND MULTIPOINT

THE MOST VERSATILE RANGE OF LUBRICATORS AROUND, NOW INDUSTRY 4.0 READY!



CONNECT SERIES

VISIO SERIES

HPS SERIES

EPS SERIES

MEMORY SERIES

PLCD SERIES

25 BAR



A HIGH PERFORMANCE, PATENTED SYSTEM POWERED BY COMPRESSED AIR.

DS SERIES

100 BAR



A NEW BENCHMARK IN CENTRALISED LUBRICATION WITH ONBOARD CONNECTIVITY IS HERE.

NEXTRA SERIES

350 BAR



MEMOLUB INTERNATIONAL NV/SA
RUE BOLLEINCKXSTRAAT 43
1070 BRUSSELS - BELGIUM

INFO@MEMOLUB.COM
MEMOLUB.COM



MEMOLUB.COM



QUICKLUBER.COM



CNC-LUB.COM



POWER LUBE INDUSTRIAL
4930 S. 2ND ST. STE. 300
MILWAUKEE, WI 53207
UNITED STATES OF AMERICA

INFO@POWERLUBEIND.COM
POWERLUBEIND.COM



MEMOLUB INDIA
1708, OPP. TO GOVT. POLYTECHNIC,
CODISSIA TRADE FAIR COMPLEX,
AVINASHI ROAD, CIVIL AERODROME POST
COIMBATORE 641014, TAMIL NADU, INDIA

INDIA@MEMOLUB.COM
MEMOLUB.IN



MEMOLUB AUSTRALIA
UNIT 8, 3 VINCENT STREET
BAYSWATER WA 6053
AUSTRALIA

INFO@MEMOLUB.COM.AU
MEMOLUB.COM.AU



MEMOLUB CHINA
NO. 1718 DADUHE ROAD
PUTUO DISTRICT, SHANGHAI
CHINA

CHINA@MEMOLUB.COM
MEMOLUBCN.COM