











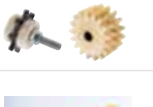

TCE
TRANSMISSION

PRODUCT CATALOGUE

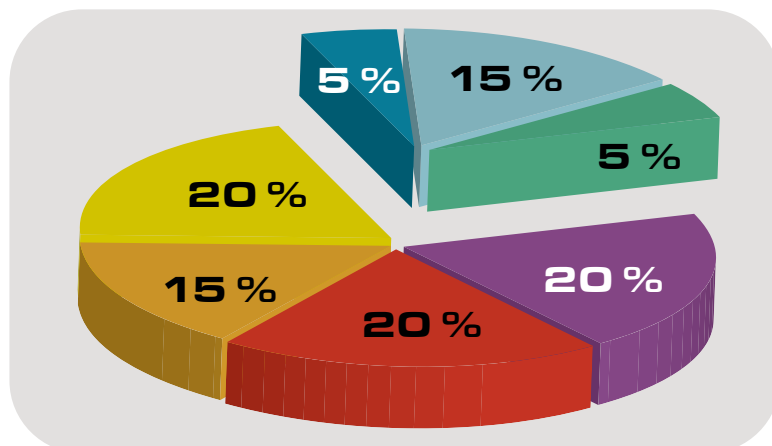
modern lubrication technology



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Bearing damage and its causes



- old lubricant
- not enough lubricant
- unsuitable lubricant
- solid impurities
- liquid impurities
- incorrect construction & assembly
- consequential damage

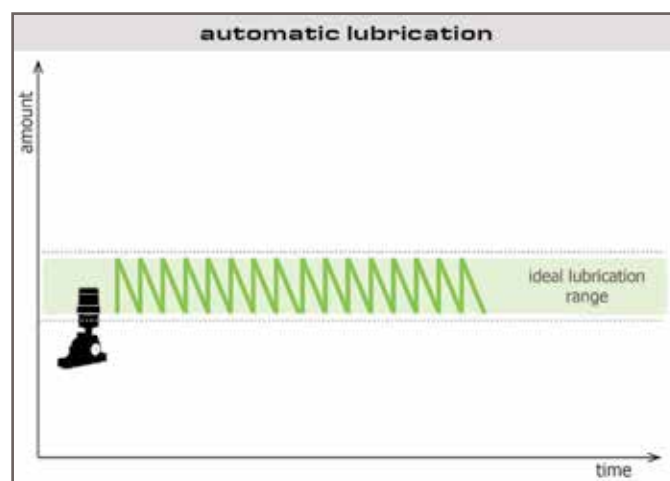
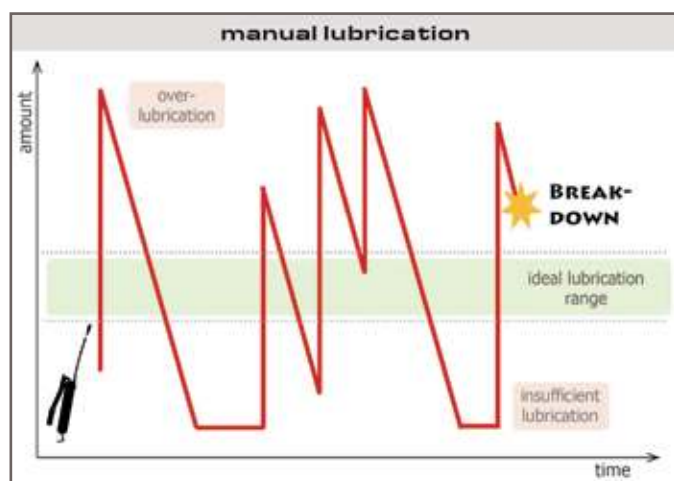
More than half of all unforeseen bearing malfunctions are lubricant related!

In 75% of cases, automatic lubricant dispensers help prevent bearing malfunction.

The benefits of automatic lubricators

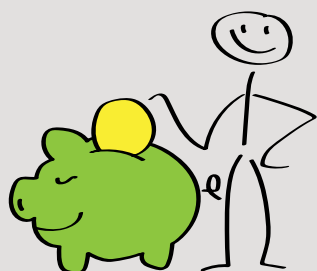
Automatic lubrication systems dispense small, precise amounts of lubricant at short, regular intervals.

The amount of time and personnel required for large plants, and machines located in hazardous areas mean that manual lubrication is often dangerous, impractical and expensive. Automatic lubrication systems as part of maintenance can resolve this issue.



Automatic lubrication systems prevent under and over-lubrication, thus enhancing the service life of your machines.

Automatic lubrication...



...reduces your costs

- saves time
- fewer machine breakdowns due to decreased wear
- lower lubricant consumption
- increased service life of bearings

...protects the environment

- needs-based lubricant dosage
- low risk of impurities and contamination

...improves work safety

...enables monitoring and provides an overview

G LUBE



G-LUBE - cost-effective, reliable, safe, ecological

G-LUBE is an electronically controlled single-point lubrication system, driven by a chemical reaction.

The dispenser excels through user-friendliness and a good cost-performance ratio. This product is the right choice for most lubrication applications: cost-effective, reliable, safe and ecological!

G-LUBE - automatic lubrication through an electrochemical drive

G-LUBE combines all the advantages of gas-powered lubrication systems and is a cost-effective solution for users wishing to switch from manual to automatic lubrication and for those familiar with automatic lubrication systems.

The function is based on the proven technology of an electrochemical reaction that produces non-reactive nitrogen (N_2) through the systematic use of an electrolyte. This type of pressure generation makes G-LUBE more temperature-independent than many conventional gas-powered lubrication systems.

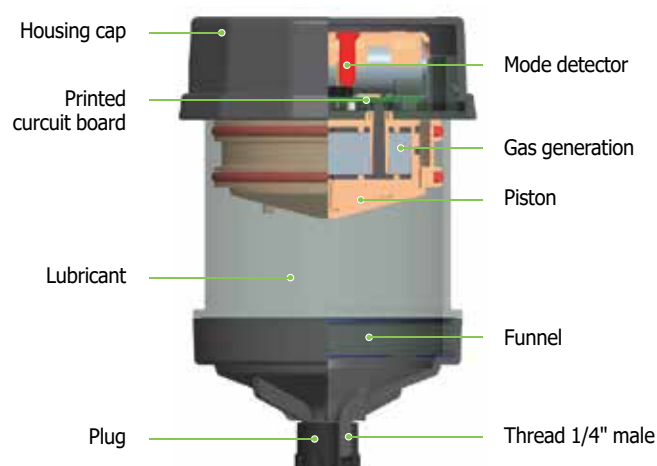
With pressure generation not exceeding 5 bar (73 psi) and at ambient temperatures from -20 °C to +55 °C G-LUBE guarantees up to 12 months of reliable operation. The lubrication system is available in the sizes 60, 120 and 240 ml.

Benefit from the G-LUBE advantages

- electrochemical drive
- precise, reliable lubricant delivery
- easy handling
- activation without tools
- environmentally friendly product, easy disposal
- can be used outdoors
- can be used in EX areas
- dispensing period 1/3/6/9/12 months
(modifiable at any time)
- easy and fast to fill yourself
- special fillings possible



Design



Technical data

Model	GL-60	GL-120	GL-240
Drive	electrochemical		
Operating pressure	max. 5 bar (73 psi)		
Lubricating intervals	1/3/6/9/12 months		
Lubricant volume	60 ml	120 ml	240 ml
Lubricating medium	oils and greases up to NLGI 2		
Operating temperature	-20 °C to +55 °C		
Weight empty	~ 195 g	~ 205 g	~ 225 g
Weight filled	~ 253 g	~ 315 g	~ 440 g
Dimensions (height x Ø)	9,1 cm x 7,7 cm	11,1 cm x 7,7 cm	15,6 cm x 7,7 cm
Certifications	ATEX, IP68		

Filling - all-round service or independently

You can fill G-LUBE yourself in a few easy steps. Both oils and greases up to NLGI class 2 can be used.

Of course, you can always rely on our tried and tested standard lubricants (from page 20) or provide us with your own lubricant for filling.

Our all-round service is even more convenient: we take care of everything from the provision and filling of your desired lubricant to the delivery of the dispenser, ready for use.



Self-filling

You can re-fill G-LUBE yourself quickly and easily!



G-LUBE can be used in almost all sectors and areas and can be activated without tools. For indirect installation, we recommend our extensive range of accessories on page 22 onwards.



SOLOLUBE



Sololube - precise electromechanical single-point lubrication

Sololube is a reliable, easy-to-operate lubricant dispenser with an electromechanical drive. Its precise delivery system makes Sololube equally suitable for the automatic lubrication of roller and friction bearings, gear racks, open transmissions or chains.

Sololube – safe automatic lubrication

Sololube has a robust, very precise drive motor, supplied with voltage by a high-capacity 6 V Li battery or a 24 V power supply. The lubricant cartridge – optionally with 60, 150 or 250 ml content – is simply screwed to the drive unit.

With a delivery pressure of 7.5 bar (109 psi), Sololube works automatically and independent of temperature for up to a year. The dispensing period can be freely selected between 1 and 12 months (by altering the amount of lubricant dispensed). Changing the setting or switching the device off is of course possible at any time.

The performance of the Sololube is monitored with a clearly visible LED. The filling level of the lubricant cartridge is, moreover, clearly visible at all times through the transparent housing.

Sololube – your benefits

- precise, reliable delivery of lubricant
- delivery pressure 7.5 bar (109 psi)
- dispensing period 1–12 months
- visual warning of malfunction (LED)
- operating temperature -20 °C to +60 °C
- can be used outdoors
- independent of temperature
- visual check possible at all times
- hose up to 1.5 m long
- special fillings available

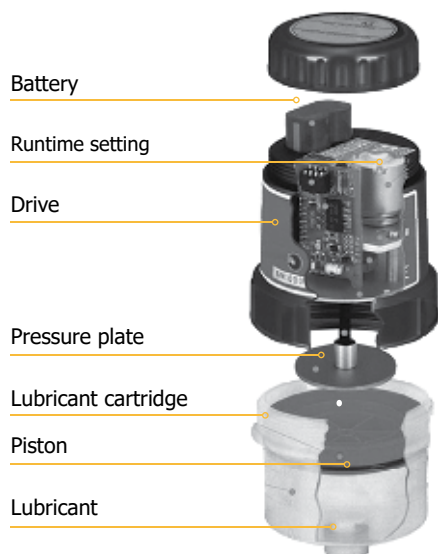
Models

Sololube is available in four models:

The **Basic** and **Xtra150** models use a 150 ml cartridge. If a larger or very small amount of lubricant is required, **Xtra250** (250 ml) **Xtra60** (60 ml) apply. All models include a reusable electromechanical drive unit.



Design



Technical data

Model	Xtra60	Basic	Xtra150	Xtra250
Drive	electromechanical (reusable)			
Operating pressure	max. 7.5 bar / 109 psi			
Lubricating intervals	1–12 months			
Lubricant volume	60 ml	150 ml	150 ml	250 ml
Lubricating medium	oils and greases up to NLGI 2			
Operating temperature	-20 °C to +60 °C			
Operational voltage	6.0 V (Li battery) or 24 V power supply			
Weight empty: battery/adapter	~ 542 g ~ 563 g		~ 700 g ~ 730 g	
Weight filled: battery/adapter	~ 602 g ~ 623 g		~ 692 g ~ 714 g	
Dimensions (height x Ø)	14,0 cm x 8,9 cm		16,6 cm x 8,9 cm	
Performance monitoring	green/red LED	red LED	green/red LED	

Adapter for external power supply 24 VDC

In addition to classic battery operation, the SOLOLUBE lubricant dispenser is also available with external 24V power supply.

Practical fact: With the 24V adapter even customers who are already using the battery-operated device can easily and inexpensively switch to an external power supply.

The Sololube lubricant dispenser cap can be easily changed in seconds and intermittent machine-dependent operation is possible immediately. The adapter is connected using a two-core connection cable.



Your gains

- + No batteries, no follow-up costs
- + Synchronisation with machine possible
- + Sololube already in use can be retrofitted

Installation

Step 1 	Step 2 	Step 3 	Step 4 	Step 5  <p>Input: 10 VDC ~ 36 VDC Output: 5,7 VDC</p>
Unscrew Sololube cap	Attach 24V adapter	Screw on 24V adapter	Attach dust cover	Connect the connection cable

LUB5



LUB5 - Electromechanical Lubricator

LUB5 is an electromechanical lubricant dispenser designed to supply single lubrication points with oil or grease. The lubricant dispenser is intended for stand-alone operation as the energy supply is provided by an integrated battery pack. LUB5 is designed for a variety of applications for single point lubrication.

LUB5 – self-filling

The lubricant is stored in a refillable 120 ml or 250 ml reservoir. Maximum supply pressure is 10 bar (145 psi). LUB5 can be (re)filled quickly and easily at any time using a grease gun.

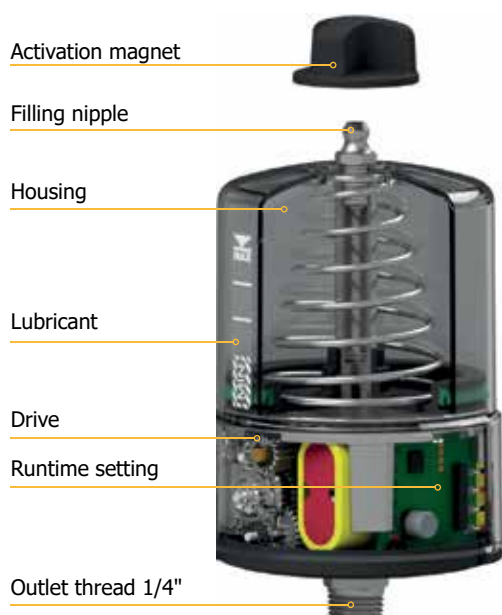
The battery pack has a total capacity of four years or four refills (depending on which occurs first). The dispensing period of LUB5 can be set to 1, 3, 6, 12 or 24 months.

LUB5 – your benefits

- 3 versions available
- electromechanical drive
- delivery pressure 10 bar (145 psi)
- up to 24 months per filling
- refillable up to 4 times without any follow-up costs (total 600/1250 ml or a maximum of 48 months)
- self-filling possible
- oil or grease up to NLGI cl. 2
- no additional tools required for operation
- operating temperature -20 °C to +60 °C (with suitable lubricant)



Design



Technical data

Model	LUB5-120	LUB5-120 PLUS	LUB5-250
Drive	electromechanical		
Operating pressure	max. 10 bar (145 psi)		
Lubricating intervals	1/3/6/12/24 months		
Lubricant volume	120 ml	120 ml	250 ml
No. of discharges	max. 5 (=600 ml)*		max. 5 (=1250 ml)*
Lubricating medium	Oils and greases up to NLGI 2		
Operating temperature	-20 °C to +60 °C		
Operational voltage	3.0 V (Li battery)		
Battery capacity	Standard	Triple**	Standard
Weight without lubricant	~ 314 g	~ 490 g	~ 558 g
Weight with lubricant	~ 420 g	~ 596 g	~ 774 g
Dimensions (height x Ø)	127 x 70 mm	182 x 70 mm	243 x 70 mm
Performance monitoring	Green/red LED		

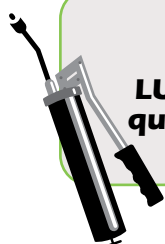
* 5 discharges or an operational period of 48 months (whichever comes soonest)

** suited for high counterpressure and low temperatures

LUB5 – Lubrication up to 24 months

The running time per filling is adjusted directly on the device. The remaining filling cycles are shown by LEDs.

Possible malfunctions are also shown via LEDs. When using the suitable lubricant, LUB5 can be emptied 5 times or used for an operating period of 48 months maximum.



Easy filling
LUB5 can be filled easily and quickly by using a grease gun



LUBRICUS



Lubricus - innovative, flexible, adaptable!

Lubricus offers a new portal to the world of automatic lubrication. With the highly versatile Lubricus lubrication system, both single lubrication points and a whole group of varied points can be provided with lubricant continuously over a long period of time.

Lubricus – the adaptive and compact lubrication system

The Lubricus lubrication system is an extremely compact lubrication unit for oils and greases up to NLGI class 2. The lubrication system works either autonomously with a battery back or using an external voltage supply (24 VDC). The lubricant cartridge – optionally with 250 or 400 ml content – is simply screwed to the drive unit.

Lubricus is suitable for the simple and reliable supply of lubrication to bearings, linear guides, chains and open tooth systems, for which special lubricating pinions and lubricating gearwheels are available.

Due to the compact dimensions, the Lubricus is optimally suited for upgrades or retrofitting. The large variety of models enable an individually optimized lubrication solution for almost every application.

Lubricus – your benefits

- delivery pressure up to 70 bar (1015 psi)
- connection to machinery controls possible
- running time 1–36 months or pause time
- optical warning in the case of malfunction (LED)
- operating temperature -15 °C to +70 °C
- fault/empty reporting
- temperature-independent feed rate
- oil or grease up to NLGI cl. 2
- special fillings available



Design

Activation magnet

Lubricant cartridge

Housing

Drive

Display

Outlets



Technical data

Model	Lubricus 250 ml	Lubricus 400 ml
Drive	Electromechanical	
Operating pressure	Max. 70 bar (1015 psi)	
Lubricating intervals	1 – 36 months / pause time	
Lubricant volume	250 ml	400 ml
Lubricating medium	Oils and greases up to NLGI 2	
Operating temperature	-15 °C to +70 °C	
Operational voltage	Li battery or 24 VDC	
Weight without lubricant	1061 - 1524 g	
Weight with lubricant	ca. 1294 - 1730 g	ca. 1461 - 1897 g
Dimensions (WxHxD)	112 x 165 x 94 mm	112 x 196 x 94 mm
Performance monitoring	Green/red LED	

Lubricus – flexible lubrication due to our model variety

Dependent upon the version, the Lubricus comes with up to four outlets and is thus optimally suitable with multiple lubrication.



	LUBRICUS B	LUBRICUS V	LUBRICUS C	LUBRICUS D
Number of outlets	1, 2	1, 2	1, 2, 3, 4	1, 2, 3, 4
Display on the device	Yes	Yes	No	No
Operational voltage	Battery	24 V	24 V	24 V
Running time	1–36 months or pause time	1–36 months or pause time (intermittent operation possible)	Pause time (individually adjustable)	Pause time (individually adjustable)
Time/pulse control	Time mode	Time mode	Time mode Pulse control	Pulse control
Operation/dialogue	Directly on device	Directly on device	Lubricus Controller required	External control / PLC



Lubricus B – independent thanks to battery power



The battery-operated variant of the Lubricus lubrication system is always used when an autarchic operation is desired or necessary. The highly-efficient battery pack can optionally be set to empty the lubricant cartridge over a period of 1–36 months (or pause time).

- 1 or 2 outlets, 70 bar (1015 psi) supply pressure
- LCD display with LED
- Quick-Check (back-pressure readings)
- 1 to 36 months / pause time

**250 ml
version
available**



Lubricus V – take a break



The 24V variant of the Lubricus lubrication system is always the right choice when an external power supply can be simply attached. The LUB-V's strengths become particularly apparent during discontinuous operation.

- 1 or 2 outlets, 70 bar (1015 psi) supply pressure
- LCD display with LED
- Quick-Check (back-pressure readings)
- error readouts possible
- 1 to 36 months / pause time / pulse control

**250 ml
version
available**



Lubricus D – pulse control



Lubricus Type D is designed for external control and 24 VDC voltage supply. Depending on the model, the Lubricus lubrication system type D has 1, 2, 3 or 4 outlets. Connection to the PLC is required.

- 1, 2, 3 or 4 outlets, 70 bar (1015 psi) supply pressure
- flexible, individual volume assignment
- feedback to the connected unit
- exact control and lubricant dosing

**250 ml
version
available**

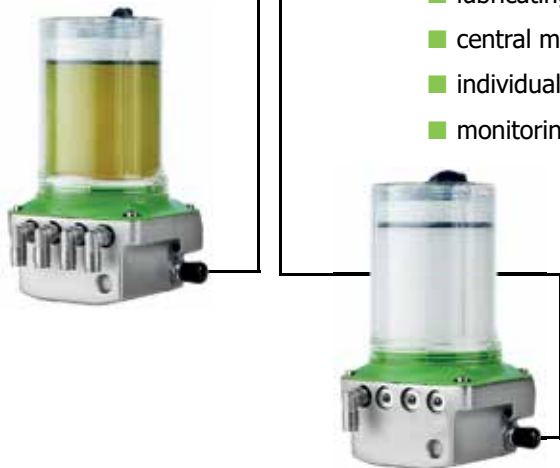


Lubricus C – outsourced monitoring

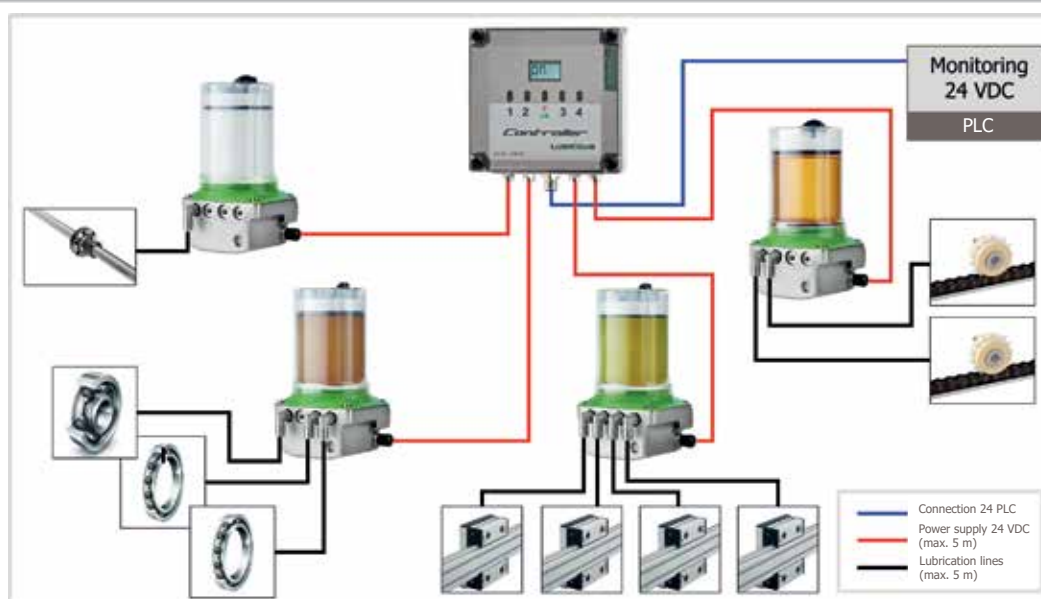


The Lubricus controller is used for external monitoring of the Lubricus, to which up to four Lubricus lubrication systems (4 outlets each = 16) can be connected. The connected Lubricus lubricating devices can be individually controlled and monitored using the Lubricus Controller. The dialogue takes place via a simple to operate LCD display.

- lubricating units are attached close to the actual lubricating points
- central monitoring is possible (e.g. PLC)
- individual supply volumes possible
- monitoring of up to 16 lubrication points



Lubricus C – installation example



The Lubricus Controller monitors and controls four Lubricus lubricating devices, which in turn supply a varying number of lubricating points. The paths that the lubricant has to travel along the lines can be kept simple and short; nevertheless central monitoring takes place via the Lubricus Controller. Installation and maintenance requirements are sustainably reduced.



LUB-S



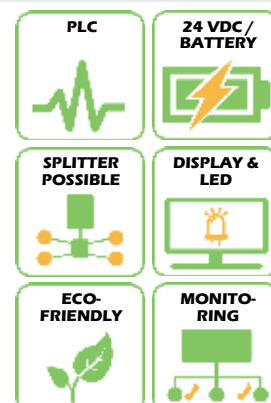
Lubricus S - monitored lubrication of minimum volume

Lubricus S can be used as single point lubricator or (by means of splitters or progressive distributors) as multipoint lubricator. Due to its extremely compact pump unit and its low weight it especially suits applications with lacking space.

Lubricus S - flexible & compact

Two types of Lubricus S are available: LUB-S-B runs with a 4.5 V battery and operates at 15 or 35 bar (218 or 508 psi, switchable). LUB-S-V uses 24 VDC and can be connected to PLC optionally. Its higher delivery pressure of up to 50 bar (725 psi) enables even more possible applications. Besides a 125 ml cartridge a 250 ml cartridge can be screwed on. The built-in display allows you to keep track of all functions anytime.

- compact dimensions
- switchable delivery pressure
- easy to operate
- fault/empty reporting
- suitable for splitters / progressive distributors (LUB-S-V)



Design



Technical data

Model	LUB-S-B	LUB-S-V
Drive	electromechanical	
Operating pressure	15 / 35 bar (218 / 508 psi) (switchable)	15 / 50 bar (218 / 725 psi) (switchable)
Lubricating intervals	1-24 months time mode	1-24 months time mode or pulse control
Lubricant volume	125 ml	125 or 250 ml
Lubricating medium	oils and greases up to NLGI cl. 2	
Operating temperature	Al battery: +15 °C to +60 °C Li battery: -15 °C to +60 °C	-15 °C to +60 °C
Operational voltage	4.5 V	24 VDC
Weight without lubricant	~ 360 g (without cartridge)	
Dimensions (H x Ø)	152 x 83 mm	
Performance monitoring	display & LED	
Outlet	M16x1,5 / M10x1	
Splitter possible	-	✓



LUBRICUS M

Lubricus M - automatic lubrication of up to 10 lube points

Depending on the model the Lubricus M lubrication system has either 2, 4, 6, 8 or 10 outlets and is designed for a 24 VDC power supply. The lubricant reservoir for grease (1500 cm³) is in a disposable bellows. Supply pressure is <70 bar (1015 psi). External control is possible via PLC.

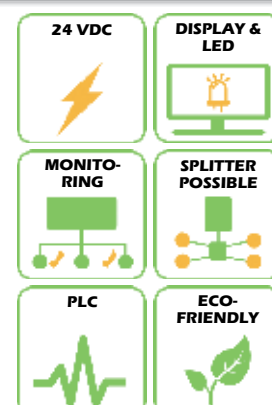
Lubricus – flexible lubrication

The Lubricus M lubrication system is optionally equipped with up to five pump bodies (P1-5). The double piston pump bodies each have two outlets, are operated alternately and provide the same quantities of lubricant. Lubricus M can work either in time mode or in pulse mode (PLC).

In time mode, the internal controls monitor both the amount of lubricant and the time intervals between lubrications.

In pulse mode, the desired lubrication intervals are performed by programming the PLC. Regardless of the selected mode, each pump body can be controlled separately.

- time control OR pulse control
- system monitoring & feedback function
- separate control of each pump body
- error/empty message shown on display
- supplies oil and grease up to NLGI class 2



Design

- Activation magnet
- Lubricant cartridge/
container for oil
- Housing
- Drive
- Display
- LED pump body
- Outlets



Technical data

Model	Lubricus M
Drive	electromechanical
Operating pressure	max. 70 bar (1015 psi)
Lubricating intervals	time control or pulse control
Lubricant volume	grease (1500 cm ³) or oil (2000 ml)
Lubricating medium	oils and greases up to NLGI cl. 2
Operating temperature	-20 °C to +70 °C
Operational voltage	24 VDC
Weight without lubricant	~ 4000 g
Connection	hose 6/4 mm
Dimensions (WxHxD)	162 x 255 x 165 mm
Performance monitoring	green/red LED

Applications

Automotive industry





Electric motors



Sewage works



Mining industry



Energy industry



Mechanical engineering



Other branches

Printing press



Plastics processing



Steel treatment



Brick making










Paper conversion



standard lubricants

Standard lubricants – Greases




GREASE							Applications				
No.		Base oil	NLGI Class	Thickener	Operating temperature	Viscosity at +40 °C	Roller bearings	Plain bearings	Linear guides	Gears/ toothed racks	Spindles
											
01 Multipurpose grease Water-resistant, long-term grease		Mineral	2	Li-Ca	-30 °C to +130 °C	220	✓	✓	●	●	✓
02 High-performance grease with MoS ₂		Mineral	2	Li	-30 °C to +130 °C	195	●	✓	—	✓	—
03 High temperature grease 160°C (cont. 220°C)		Ester/SHC	1	PHS	-40 °C to +160 °C (+220 °C)	150	✓	✓	—	—	●
04 High temperature grease 180°C		Mineral	1	Calcium sulfonate complex	-30 °C to +180 °C	220	✓	●	—	●	●
05 High pressure grease		Mineral	2	Calcium sulfonate complex	-30 °C to +150 °C	410	✓	✓	—	●	—
06 Fluid grease		Mineral	0	Ca complex	-30 °C to +140 °C	120	✓	✓	✓	✓	●
07 Heavy duty grease		Mineral	0	Li-Ca	-30 °C to +150 °C	800	—	✓	—	✓	●
09 Special biodegradable grease		Ester	2	Li-Ca	-40 °C to +120 °C	130	✓	✓	●	●	—
10 Food Industry grease 		Mineral	1	Al special	-20 °C to +160 °C	460	✓	✓	●	✓	●

✓ compatible

● testing required

— incompatible

Standard lubricants – Oils

OIL No.		Base oil	Operating temperature	Viscosity at +40 °C	Applications					
					Roller bearings	Plain bearings	Linear guides	Gears/Toothed racks	Spindles	Chains
14 Multipurpose oil		Mineral	-10 °C to +90 °C	68	—	●	●	—	—	✓
15 High-temperature chain oil		Ester/SHC	-20 °C to +300 °C	270	—	●	●	—	—	✓
64 Special biodegradable oil		Synthetic	-20 °C to +120 °C	145	—	●	●	—	—	✓
70 Food Industry oil (NSF-H1)		Synthetic	-30 °C to +140 °C	96	—	●	●	—	—	✓
77 Medicinal white oil		Mineral	0 °C to +60 °C	70	—	●	●	—	—	✓

✓ compatible ● testing required — incompatible

Standard lubricants vs. self-filling

Our tested standard lubricants meet the highest standards and our range ensures that there is a standard type for almost every application. We also offer almost all of our products empty so that you can fill them with your own lubricant. Filling the lubricant yourself is easy and allows observation of certain stipulations such as periods of warranty and guarantee or safety regulations.

Of course, we will be glad to fill the lubricant dispenser with your choice of lubricant – **simply contact us!**

Self-filling & supplied lubricant

Unfilled						NLGI class	Thickener
No.							
00 Empty, for self-filling	✓	✓	✓	—	—	max. 2	any
X Filled with supplied lubricant	✓	✓	✓	✓	✓	max. 2	any



















Accessories


















On the following pages you can find various accessory components that could be very helpful for the installation of our lubrication systems. Depending on whether the lubrication system is to be attached directly to the lubrication point or indirectly installed to dispense via a hose – here you will find the right connectors for easily and correctly installing our lubrication systems.

Please note that some connectors are only suitable for specific lubricant dispensers.

Fittings










Art. no.	Reducer						Material	Fig. no.	Figures
SAT1020	Reducer G1/4" x G1/8"	✓	✓	✓	✓	✓	Brass nickel-plated	1	          
SAT1021	Reducer G1/4" x G1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	2	
SAT1022	Reducer G1/4" x M6	✓	✓	✓	✓	✓	Brass nickel-plated	3	
SAT1023	Reducer G1/4" x M8	✓	✓	✓	✓	✓	Brass nickel-plated	4	
SAT1024	Reducer G1/4" x M8x1	✓	✓	✓	✓	✓	Brass nickel-plated	5	
SAT1025	Reducer G1/4" x M10	✓	✓	✓	✓	✓	Brass nickel-plated	6	
SAT1026	Reducer G1/4" x M10x1	✓	✓	✓	✓	✓	Brass nickel-plated	7	
SAT1027	Reducer G1/4" x M12	✓	✓	✓	✓	✓	Brass nickel-plated	8	
SAT1028	Reducer G1/4" x M12x1,5	✓	✓	✓	✓	✓	Brass nickel-plated	9	
SAT1010	Connection nipple G1/4" x G3/8"	✓	✓	✓	✓	✓	Brass nickel-plated	10	
SAT1011	Connection nipple G1/4" x G1/2"	✓	✓	✓	✓	✓	Brass nickel-plated	11	

Art. no.	Extensions & screwed connections						Material	Fig. no.	Figures
SAT1040	Extension 35 mm G1/4" x G1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	1	     
SAT1041	Extension 50 mm G1/4" x G1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	2	
SAT1042	Extension 75 mm G1/4" x G1/4"	✓	✓	✓	✓	✓	Galvanized steel	3	
SAT1043	Extension 115 mm G1/4" x G1/4"	✓	✓	✓	✓	✓	Galvanized steel	4	
SAT1045	Screwed connection 25 mm, incl. 1 nut G1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	5	
SAT1046	Screwed connection 60 mm, incl. 2 nuts G1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	6	

Art. no.	Bent connections & other fittings						Material	Fig. no.	Figures
SAT1001	Bent connection 45° G1/4" x G1/4"	✓	✓	✓	✓	✓	Malleable cast iron, galvanized	1	           
SAT1001E	Bent connection 45° G1/4" x G1/4"	✓	✓	✓	✓	✓	Stainless steel	2	
SAT1002	Bent connection 90° G1/4" x G1/4"	✓	✓	✓	✓	✓	Malleable cast iron, galvanized	3	
SAT1002E	Bent connection 90° G1/4" x G1/4"	✓	✓	✓	✓	✓	Stainless steel	4	
SAT1002MS	Bent connection 90° R1/4" x R1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	5	
SAT1004	Bent connection 90°, rotatable, R1/4"	✓	✓	✓	✓	✓	Brass	6	
SAT3020	Double socket G1/4" x G1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	7	
SAT1093	Double socket G1/4" x G1/4"	✓	✓	✓	✓	✓	Brass nickel-plated	8	
SAT1050	Y-manifold	✓	✓	✓	✓	✓	Brass nickel-plated	9	
SAT2021	Check valve G1/4" / G1/4"	✓	✓	✓	-	-	Brass nickel-plated	10	
SAT3012	Refill-nipple for filling Sololube	-	✓	-	-	-	Brass nickel-plated	11	
GAT3017	Filling adapter for G-LUBE incl. 11 cm high pressure hose	✓	-	-	-	-	Brass nickel-plated	12	










Art. no. straight	Art. no. angled	Hose connectors (for hose Ø 8 mm)						Material	Fig. no.	Figures
SAT1060	-	Hose adapter R1/4"	✓	✓	✓	-	-	Brass nickel-plated	1	     
SAT1070	SAT7076G-8	Hose adapter R1/8"	✓	✓	✓	-	-	Plastic / brass nickel-plated	2	
SAT7084-8	SAT7084G-8	Hose adapter M6	✓	✓	✓	-	-	Brass nickel-plated	3	
SAT7086-8	SAT7086G-8	Hose adapter M8x1	✓	✓	✓	-	-	Brass nickel-plated	4	
SAT7087-8	SAT7087G-8	Hose adapter M10x1	✓	✓	✓	-	-	Brass nickel-plated		
SAT1071	SAT1071G	Hose adapter G1/4"	✓	✓	✓	-	-	Brass nickel-plated	5	
SAT1072	-	Hose adapter R3/8"	✓	✓	✓	-	-	Brass nickel-plated	6	

Hoses












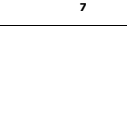
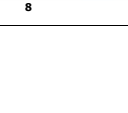
Art. no.	Hoses						Material	Fig. no.	Figures
SAT2000	Hose Ø 8/6 mm, per meter	✓	✓	✓	-	-	PU	1	   
LAT8002	High pressure hose for Lubricus, Ø 6/4 mm, unfilled, per meter	-	-	-	✓	✓	PA12	2	
SAT3017	Hose filling adapter for hose 8 mm	✓	✓	✓	-	-	Brass nickel-plated	3	
LAT3017	Hose filling adapter for hose 6 mm	-	-	-	✓	✓	Brass nickel-plated	4	

We fill all hoses with lubricant on request (acc. to scheme p. 20/21 or individually customized).

Batteries & adapters

Art. no.	Batteries & adapters						Fig. no.	Figures
SOL-BAT	Sololube battery, 6.0 V, suitable for all Sololube models	-	✓	-	-	-	1	     
LAT-BAT-SA	Al battery, 4.5 V for Lubricus LUB-S-B	-	-	-	✓	-	2	
LAT-BAT-SL	Li battery, 4.5 V for Lubricus LUB-S-B	-	-	-	✓	-	3	
LAT-BAT-L	Li high performance battery, 3.0 V for Lubricus LUB-B (generation I, until 2019)	-	-	-	-	✓	4	
LAT-BAT-4	Li high performance battery, 6.0 V for Lubricus LUB-B (generation II, from 2020)	-	-	-	-	✓	5	
SOL-24V-1	Sololube 24 V adapter for external power supply (models: Basic, Xtra60, Xtra150)	-	✓	-	-	-	6	
SOL-24V-2	Sololube 24 V adapter for external power supply (model: Xtra250)	-	✓	-	-	-	6	

Brackets

Art. no.	Brackets						Material	Fig. no.	Figures
GAT2800	Mounting bracket for G-LUBE & LUB5	✓	-	✓	-	-	Stainless steel	1	       
GAT2010	Holding clamp for G-LUBE lubricator	✓	-	-	-	-	Plastic	2	
GAT2010M	Magnetic holding clamp for G-LUBE lubricator	✓	-	-	-	-	Plastic	3	
GAT2008	Steel holding clamp for G-LUBE lubricator	✓	-	-	-	-	Galvanized steel/ rubber	4	
SAT1051	Support adapter for G-LUBE G1/4" x G1/4"	✓	-	-	-	-	Steel	5	
SAT1052	Support adapter for G-LUBE G1/4" x G1/4"	✓	-	-	-	-	Stainless steel	6	
SAT8020	Mounting bracket for Sololube lubricator	-	✓	-	-	-	Stainless steel	7	
SAT7800	Mounting bracket for G-LUBE , LUB5 & Sololube lubricator	✓	✓	✓	-	-	Stainless steel	8	

Brackets for Lubricus systems may be found on page 26.

Lubricus accessories



Lubricus accessories



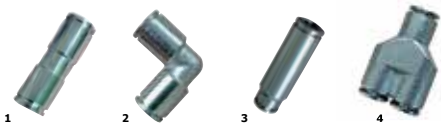
Art. no.	Hose fittings straight & angled for hose Ø 6 mm			Material	Fig. no.	Figures
LAT7097	Hose adapter M5	✓	✓	Brass nickel-plated	1	       
LAT7084	Hose adapter M6	✓	✓	Brass nickel-plated	2	
LAT7085	Hose adapter M6 x 0,75	✓	✓	Brass nickel-plated	3	
LAT7089	Hose adapter M8	✓	✓	Brass nickel-plated	4	
LAT7086	Hose adapter M8 x 1	✓	✓	Brass nickel-plated	5	
LAT7087	Hose adapter M10 x 1	✓	✓	Brass nickel-plated	6	
LAT7076	Hose adapter G1/8"	✓	✓	Brass nickel-plated	7	
LAT7079	Hose adapter G1/4"	✓	✓	Brass nickel-plated	8	
LAT7097G	Hose adapter M5 angled	✓	✓	Brass nickel-plated	9	       
LAT7084G	Hose adapter M6 angled	✓	✓	Brass nickel-plated	10	
LAT7085G	Hose adapter M6 x 0,75 angled	✓	✓	Brass nickel-plated	11	
LAT7089G	Hose adapter M8 angled	✓	✓	Brass nickel-plated	12	
LAT7086G	Hose adapter M8 x 1 angled	✓	✓	Brass nickel-plated	13	
LAT7087G	Hose adapter M10 x 1 angled	✓	✓	Brass nickel-plated	14	
LAT7076G	Hose adapter G1/8" angled	✓	✓	Brass nickel-plated	15	
LAT7079G	Hose adapter G1/4" angled	✓	✓	Brass nickel-plated	16	

The Lubricus delivers the lubricant to the lubrication point with an operating pressure of up to 70 bar (1015 psi). Accordingly, all connecting parts must also meet these requirements and are designed for pressures of up to 100 bar (1450 psi).




**ONLY FOR
LUBRICUS**






Hose connectors

Art. no.	Hose connectors			Material	Fig. no.	Figures
LAT7100	Hose connectors 6 mm to 6 mm straight	✓	✓	Brass nickel-plated	1	
LAT7100G	Hose connectors 6 mm to 6 mm angled	✓	✓	Brass nickel-plated	2	
LAT7101	Hose connectors 6 mm to 8 mm straight	✓	✓	Brass nickel-plated	3	
LAT 1050-6	Y-Hose connectors 6 mm to 6 mm	✓	✓	Brass nickel-plated	4	

Other fittings

Art.no.	Other fittings			Material	Figures
LAT1099	Thread adapter M16x1,5 x G1/4"	✓	-	Stainless steel	




Brackets

Art.no.	Brackets			Material	Fig. no.	Figures
LAT8801	Mounting bracket for Lubricus lubricator	-	✓	Coated zinc	1	
LAT8802	Mounting bracket for Lubricus S lubricator	✓	-	Stainless steel	2	
LAT8803	Mounting bracket for Lubricus S lubricator	✓	-	Stainless steel	3	
LAT8804	Mounting bracket for Lubricus S + progressive distributor	✓	-	Stainless steel	4	

Connection cables

Connection cables are available in various lengths for the Lubricus lubrication system M12x1 connectors (4-pin, A-coded). The connection cable with LED angled connectors is particularly popular, as its LEDs also provide visual information about the device's operating status. Perhaps you need a special length? **Contact us!**








Art. no.	Connection cables for Lubricus			Fig. no.	Figures
LAT-WI-0-5	Connection cable, M12x1, open end, 5 m	✓	✓	1	
LAT-WI-0-10	Connection cable, M12x1, open end, 10 m	✓	✓		
LAT-WI-8-5	Connection cable, M12x1/M8x1, 5 m, (Connection Lubricus Type C with Lubricus Controller)	-	✓	2	
LAT-WI-8-10	Connection cable, M12x1/M8x1, 10 m, (Connection Lubricus Type C with Lubricus Controller)	-	✓		
LAT-WI-ST-LED-5	Connection cable, M12x1, open end, 5 m with LED angled socket	✓	✓	3	
LAT-WI-ST-LED-10	Connection cable, M12x1, open end, 10 m with LED angled socket	✓	✓		
LAT 8080	Power supply/Transformer 230 VAC / 24 VDC incl. M12x1 connector	✓	✓	4	

Splitters & progressive distributors

Splitters

Splitters portion the lubricant quantity evenly across the outlets and are suitable for oils and greases up to NLGI grade 2. Splitters only work when used with the Lubricus lubrication system piston pumps. The amount of lubricant yielded by the Lubricus lubrication system can be split into two, three or four parts and then transported to the lubrication point.








Art. no. for grease	Art. no. for oil >ISO VG100	Art. no. for oil <ISO VG100	Splitter (divider) for grease OR oil			Material	Fig. no.	Figures
LAT-Split-2	LAT-Split-20	LAT-Split-20-S	Splitter 1:2	✓	✓	Aluminium	1	  
LAT-Split-3	LAT-Split-30	LAT-Split-30-S	Splitter 1:3	✓	✓	Aluminium	2	
LAT-Split-4	LAT-Split-40	LAT-Split-40-S	Splitter 1:4	✓	✓	Aluminium	3	

Progressive distributors

The progressive distributors for the Lubricus lubrication system have a variable modular design. Lubricant is "forcibly" progressively distributed via a follow-up piston. In this way, the amount of lubricant yielded by the Lubricus lubrication system can be split equally. Progressive distributors can be used for oils and greases up to NLGI grade 2.








Progressive distributor for grease and oil							Material	Figures
Art. no.								
LAT-PRV-2 2 outlets	LAT-PRV-3 3 outlets	LAT-PRV-4 4 outlets	LAT-PRV-5 5 outlets		✓	✓	Aluminium	  
LAT-PRV-6 6 outlets	LAT-PRV-7 7 outlets	LAT-PRV-8 8 outlets	LAT-PRV-9 9 outlets	LAT-PRV-10 10 outlets	✓	✓	Aluminium	

All progressive distributors are also offered as part of a set (see page 34).

Monitored progressive distributors

This extended version of a progressive distributor enables remote operation monitoring. A signal is transferred to a sensor and an evaluable return signal is generated at each piston movement. LEDs on the connector's housing then indicate the switching status of the progressive distributor.



Monitored progressive distributor for grease and oil							Material	Figures
Art. no.								
LAT-PRV-2-M 2 outlets	LAT-PRV-3-M 3 outlets	LAT-PRV-4-M 4 outlets	LAT-PRV-5-M 5 outlets		✓	✓	Aluminium	  
LAT-PRV-6-M 6 outlets	LAT-PRV-7-M 7 outlets	LAT-PRV-8-M 8 outlets	LAT-PRV-9-M 9 outlets	LAT-PRV-10-M 10 outlets	✓	✓	Aluminium	

Brushes, rolls


Brushes

Brushes

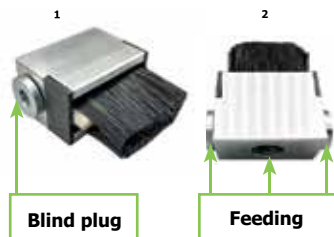
Thanks to the broad range of brush accessories, the lubrication dispensers can be ideally and professionally installed on the corresponding chain applications with round or square brushes. Exact dosage and precise feed substantially decrease lubricant consumption.




Round brushes

Art.No.	Round brushes (top feeding)	Material	Fig. no.	Figures
SAT2041	Round brush Ø 28 mm, length of bristles 15 mm, thread R1/4" top	Polyamide	1	
SAT2034	Round brush Ø 28 mm, length of bristles 45 mm, thread R1/4" top	Polyamide	2	

Square brushes

Art.No.	Square brushes (feeding: top & both-sided)	Material	Fig. no.	Figures
GAT2038	Square brush 25 mm width, length of bristles 20 mm, thread G1/4", 2 blind plugs included	Aluminium/ polyamide	1,2	
GAT2035	Square brush 40 mm width, length of bristles 20 mm, thread G1/4", 2 blind plugs included	Aluminium/ polyamide		
GAT2036	Square brush 70 mm width, length of bristles 20 mm, thread G1/4", 2 blind plugs included	Aluminium/ polyamide		
GAT2037	Square brush 100 mm width, length of bristles 20 mm, thread G1/4", 2 blind plugs included	Aluminium/ polyamide		

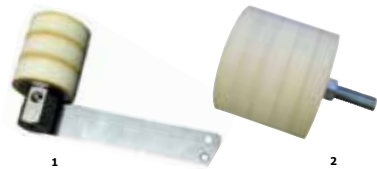
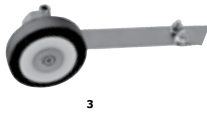
High temperature brushes

Art.No.	High temperature brushes (top feeding)	Material	Fig. no.	Figures
SAT2034-HT	High temperature round brush Ø 25 mm, length of bristles 45 mm, thread G1/4" , up to 300 °C	Brass/ stainless steel	1	
SAT2036-HT	High temperature square brush 57 mm width, length of bristles 28 mm, thread G1/4", up to 300 °C	Stainless steel	2	

Lubricating rolls

For many applications, such as special chains or wheel flange lubrication, it is difficult to find a "one size fits all" solution. For cases such as these we offer lubricating rolls made from various materials that come in different widths and diameters. Special sizes with straight or angled axles are also possible – **simply contact us!**



Art.No.	Lubricating rolls	Fig. no.	Figures
LAT-RO-30-45-FG	PU-lubricating roll, angled axle and single spring steel, Ø 30 mm, width 45 mm	1	
LAT-RO-40-30-FG	PU-lubricating roll, angled axle and single spring steel, Ø 40 mm, width 30 mm		
LAT-RO-70-50-A	PU-lubricating roll, straight axle, Ø 70 mm, width 50 mm	2	
LAT-RO-100-100-A	PU-lubricating roll, straight axle, Ø 100 mm, width 100 mm		
LAT-RO-90-20-FFG-S	Plastic lubricating roll for wheel flange, Ø 90 mm, width 20 mm	3	
LAT-RO-60-20-FFG-S	Plastic lubricating roll for wheel flange, Ø 60 mm, width 20 mm		

Applications of accessories



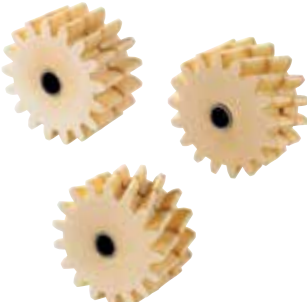
Lubrication gears & chain lubrication pinions

Lubrication gear & axles

Lubrication gear

The lubricant passes through the axle and appropriate holes in the foam material. With just a low contact pressure, the stored lubricant is released again. The PU foam used (open-cell) stores the lubricant and releases it again in very small doses. In this way, over-lubrication is effectively prevented, as is possible wear caused by a lack of lubrication.


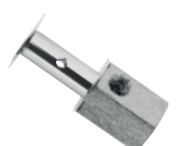


Lubrication gear PU-foam, operating temperature: -30 °C to +150 °C	Module	Width	Gear tooth system			Figures
			Straight	Sloping right rising	Sloping left rising	
			Art. no.			
Lubrication gearwheel Module 2, without axle	02	20 mm	LAT-SZ-G-2	LAT-SZ-R-2	LAT-SZ-L-2	
Lubrication gearwheel Module 3, without axle	03	30 mm	LAT-SZ-G-3	LAT-SZ-R-3	LAT-SZ-L-3	
Lubrication gearwheel Module 4, without axle	04	40 mm	LAT-SZ-G-4	LAT-SZ-R-4	LAT-SZ-L-4	
Lubrication gearwheel Module 5, without axle	05	50 mm	LAT-SZ-G-5	LAT-SZ-R-5	LAT-SZ-L-5	
Lubrication gearwheel Module 6, without axle	06	60 mm	LAT-SZ-G-6	LAT-SZ-R-6	LAT-SZ-L-6	
Lubrication gearwheel Module 8, without axle	08	80 mm	LAT-SZ-G-8	LAT-SZ-R-8	LAT-SZ-L-8	
Lubrication gearwheel Module 10, without axle	10	100 mm	LAT-SZ-G-10	LAT-SZ-R-10	LAT-SZ-L-10	



Axles



Different fastening axles are available for the lubricating gearwheels. Dependent on the installation or supply of lubricant, right-angled or straight axles can be used. Mounting options for the axles can be found on page 32.

Straight axle Figure	Straight axle				Angled axis Figure	Angled axis			
	Art. no.	Fixing of axle	Thread hollow axle	Width		Art. no.	Fixing of axle	Thread hollow axle	Width
	LAT-A-2	M10	M6	20 mm		LAT-A-2G	M8	M10x1	20 mm
	LAT-A-3	M10	M6	30 mm		LAT-A-3G	M8	M10x1	30 mm
	LAT-A-4	M10	M6	40 mm		LAT-A-4G	M8	M10x1	40 mm
	LAT-A-5	M16	M10x1	50 mm		LAT-A-5G	M8	M10x1	50 mm
	LAT-A-6	M16	M10x1	60 mm		LAT-A-6G	M8	M10x1	60 mm
	LAT-A-8	M16	M10x1	80 mm		LAT-A-8G	M8	M10x1	80 mm
	LAT-A-10	M16	M10x1	100 mm		LAT-A-10G	M8	M10x1	100 mm

Chain lubrication pinion



Besides lubricant brushes, chain lubrication pinions are a very reliable, clean alternative for lubricating chains. As with the lubricating of gearwheels, the lubricant passes through the axle and corresponding holes into the foam material, the pinion ensures quiet running.



						
			Simplex		Duplex	
Chain lubrication pinion with straight axle	Fixing of axle	Thread hollow axle	Art. no.	ISO-No.	Art. no.	ISO-No.
Chain lubrication pinion with straight axle, PU-foam, 1/2 x 5/16	M10	M6	LAT-KR-S-08	08 B-1	LAT-KR-D-08	08 B-2
Chain lubrication pinion with straight axle, PU-foam, 5/8 x 3/8	M10	M6	LAT-KR-S-10	10 B-1	LAT-KR-D-10	10 B-2
Chain lubrication pinion with straight axle, PU-foam, 3/4 x 7/16	M10	M6	LAT-KR-S-12	12 B-1	LAT-KR-D-12	12 B-2
Chain lubrication pinion with straight axle, PU-foam, 1 x 17	M10	M6	LAT-KR-S-16	16 B-1	LAT-KR-D-16	16 B-2
Chain lubrication pinion with straight axle, PU-foam, 1 1/4 x 3/4	M16	M10x1	LAT-KR-S-20	20 B-1	LAT-KR-D-20	20 B-2
Chain lubrication pinion with straight axle, PU-foam, 1 1/2 x 1	M16	M10x1	LAT-KR-S-24	24 B-1	LAT-KR-D-24	24 B-2
Chain lubrication pinion with straight axle, PU-foam, 2 x 1 1/4	M16	M10x1	LAT-KR-S-32	32 B-1	LAT-KR-D-32	32 B-2

The open-cell PU foam rollers transfer the lubricant in a point-wise manner to the surfaces of the lugs of roller chains. The mechanical force to drive the rollers is ensured by a low-wear plastic pinion. Chain lubrication pinions are designed for use with oil and at an operating temperature between -30 °C and +60 °C. Special models suitable for larger temperature ranges are available on request.



						
			Simplex		Duplex	
Chain lubrication pinion with angled axle	Fixing of axle	Thread hollow axle	Art. no.	ISO-No.	Art. no.	ISO-No.
Chain lubrication pinion with angled axle, PU-foam, 1/2 x 5/16	M8	M10x1	LAT-KR-S-08G	08 B-1	LAT-KR-D-08G	08 B-2
Chain lubrication pinion with angled axle, PU-foam, 5/8 x 3/8	M8	M10x1	LAT-KR-S-10G	10 B-1	LAT-KR-D-10G	10 B-2
Chain lubrication pinion with angled axle, PU-foam, 3/4 x 7/16	M8	M10x1	LAT-KR-S-12G	12 B-1	LAT-KR-D-12G	12 B-2
Chain lubrication pinion with angled axle, PU-foam, 1 x 17	M8	M10x1	LAT-KR-S-16G	16 B-1	LAT-KR-D-16G	16 B-2
Chain lubrication pinion with angled axle, PU-foam, 1 1/4 x 3/4	M8	M10x1	LAT-KR-S-20G	20 B-1	LAT-KR-D-20G	20 B-2
Chain lubrication pinion with angled axle, PU-foam, 1 1/2 x 1	M8	M10x1	LAT-KR-S-24G	24 B-1	LAT-KR-D-24G	24 B-2
Chain lubrication pinion with angled axle, PU-foam, 2 x 1 1/4	M8	M10x1	LAT-KR-S-32G	32 B-1	LAT-KR-D-32G	32 B-2


If you have a special application that is **too complex for lubrication using standard chain lubrication pinions**, you can use a special lubricating roll (see page 29).

Mounting chain lubrication pinion & lubrication gear

Spring steel sheets with chain lubrication pinion

Spring steel sheets allow the chain lubrication pinions to be installed quickly and easily. A light preload ensures the continuous supply of lubricant; a further advantage of this type of installation is that the whole assembly can flexibly yield to fluctuations and vibrations.


The spring steel sheet is available in both short and long versions and can be combined with an angled axle.

Chain lubrication pinion with angled axle and spring steel sheet	Simplex		Duplex		Figures
	steel sheet short	steel sheet long	steel sheet short	steel sheet long	
Chain lubrication pinion 1/2" x 5/16"	✓	✓	✓	✓	
Chain lubrication pinion 5/8" x 3/8"	✓	✓	✓	✓	
Chain lubrication pinion 3/4" x 7/16"	✓	✓	✓	✓	
Chain lubrication pinion 1" x 17"	✓	✓	✓	-	
Chain lubrication pinion 1 1/4" x 3/4"	✓	-	-	-	

Tensioning elements

The tensioning element enables the setting of an optimum contact pressure. In addition, the sturdy construction ensures stability and so increases work safety during operation. The tensioning element can only be used with the straight axles (deflection max. 50 mm, clamping force 350 N).




Art. no.	Tensioning elements	Material	Figure
LAT-SP-10	Tensioning element for axle M10	Steel	 <small>exemplary illustration</small>
LAT-SP-16	Tensioning element for axle M16	Steel	

Flexible bracket

The flexible, springy bracket is a simple installation option for chain lubrication pinions or lubrication gears. Thanks to the spring built into the joint, the contact pressure can be individually adjusted, and at the same time the bracket can also cushion counter-movements. Depending upon the size of the axle used, the holes in the flexible bracket are either size M10 or M16. The bracket is available with the flexible joint on either the right or left side.












Art. no.	flexible bracket	Material	Figure
LAT-FLWI-L-10	Bracket, left (axle M10)	Steel	 <small>exemplary illustration Chain lubrication pinion and hose adapter are not contained in the scope of delivery</small>
LAT-FLWI-R-10	Bracket, right (axle M10)	Steel	
LAT-FLWI-L-16	Bracket, left (axle M16)	Steel	
LAT-FLWI-R-16	Bracket, right (axle M16)	Steel	

Gruetzner Starter Sets

Direct mounting

The best option for installing single-point lubricant dispensers is direct installation at the lubrication point. Lubrication nipple out, reducer in (if needed) and directly attach the lubrication dispenser. Please order the desired lubrication system separately.



Art. no.	Starter set					Consisting of	Figures 1 = for LUB-S-B 2 = for LUB-S-V
GL-Set-DM	Starter set G-LUBE	✓	-	-	-	1x SAT1020 Reducer G1/4" x G1/8" 1x SAT1022 Reducer G1/4" x M6	
SOL-Set-DM	Starter set Sololube	-	✓	-	-	1x SAT1024 Reducer G1/4" x M8x1 1x SAT1026 Reducer G1/4" x M10x1	
LUB5-Set-DM	Starter set LUB5	-	-	✓	-	1x SAT1041 Extension 50 mm 1x SAT1001 Bent connection 45°	
LUB-S-B-Set-DM	Starter set LUB-S-B	-	-	-	✓	1x SAT1020 Reducer G1/4" x G1/8" 1x SAT1022 Reducer G1/4" x M6 1x SAT1024 Reducer G1/4" x M8x1 1x SAT1026 Reducer G1/4" x M10x1	
LUB-S-V-Set-DM	Starter set LUB-S-V	-	-	-	✓	1x LAT1099 Thread adapter M16x1,5 x G1/4" 1x LAT-BAT-SA or LAT-WI-0-5	












Please order lubricator separately.

Indirect installation






If direct installation is not possible for structural reasons, the lubricant dispensers can be installed indirectly. Our indirect installation Starter Sets include appropriate connectors, hose adapters and hoses to match the type of system. Please order the desired lubrication system separately.

LUB-S-V
Indirect
installation

Art. no.	Starter set					Consisting of	Figures 1 = for LUB-S-B 2 = for LUB-S-V
GL-Set-IM	Starter set G-LUBE	✓	-	-	-	1x GAT2010 Bracket for lubricator 1x SAT2000 Hose Ø 8/6 mm 1x SAT1020 Reducer G1/4" x G1/8" 1x SAT1022 Reducer G1/4" x M6 1x SAT1024 Reducer G1/4" x M8x1 1x SAT1026 Reducer G1/4" x M10x1 1x SAT1060 Hose adapter G1/4" 1x SAT1071 Hose adapter G1/4"	
SOL-Set-IM	Starter set Sololube	-	✓	-	-	1x SAT7800 Bracket for lubricator 1x SAT2000 Hose Ø 8/6 mm 1x SAT1020 Reducer G1/4" x G1/8" 1x SAT1022 Reducer G1/4" x M6	
LUB5-Set-IM	Starter set LUB5	-	-	✓	-	1x SAT1024 Reducer G1/4" x M8x1 1x SAT1026 Reducer G1/4" x M10x1 2x SAT1071 Hose adapter G1/4"	
LUB-S-B-Set-IM	Starter set LUB-S-B	-	-	-	✓	1x LAT8803 Bracket for lubricator 1x LAT8002 High pressure hose 5 m 1x LAT7087 Hose adapter M10x1 1x LAT7084G Hose adapter M6	
LUB-S-V-Set-IM	Starter set LUB-S-V	-	-	-	✓	1x LAT7087G Hose adapter M10x1 1x LAT7076G Hose adapter G1/8" 1x LAT7079G Hose adapter G1/4" 1x LAT-BAT-SA or LAT-WI-0-5	

Starter Sets – Lubricus







Lubricus Starter Sets are available for the variants Lubricus B and Lubricus V and include not only four hose connectors but also 2 x 2 m high-pressure hoses. The power supply is either a 24 VDC or battery pack, depending upon the type (LUB-B/ LUB-V). Please order the desired Lubricus lubrication system separately.

Art. no.	Starter set Indirect installation		Consisting of	Figures	Power supply	Figures
LUB-Set-B	Starter Set Lubricus-B-1 or Lubricus-B-2	✓	2 x LAT8002 2 m hose Ø 6/4 mm 2 x LAT7084G Hose adapter angled M6 2 x LAT7087G Hose adapter angled M10x1 2 x LAT7076G Hose adapter angled G1/8"	2x 	1 x LAT-BAT-4 Lubricus battery	
LUB-Set-V	Starter Set Lubricus-V-1 or Lubricus-V-2	✓	2 x LAT7079G Hose adapter angled G1/4"		1 x LAT-WI-0-10 Connection cable, M12x1, open end, 10m	

Please order lubricator separately.

Progressive distributor sets







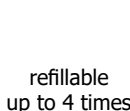







To enable multipoint lubrication, progressive distributor sets suiting Lubricus S-V are available. Those sets consist of a LUB-S-V drive unit, a progressive distributor (which can be chosen from 2 to 10 outlets on page 27), a special mounting bracket, a small piece of high-pressure hose and a hose connector. The sets are assembled completely and all components are pre-filled with lubricant. Please order the lubricant cartridge separately.

Art. no.	Progressive distributor set		Consisting of
LUB-S-V-Set-PRV	Progressive distributor set LUB-S-V	✓	1x LUB-S-V drive unit 1x Bracket for Lubricator 1x LAT8002 Hose 5 cm 1x LAT7087 Hose adapter M10x1 1x Progressive distributor
Figures			
    			

Please order cartridge separately.



Model scheme

Model	Lubricating intervals	Lubricant volume	Operating pressure max.	Operational voltage	Self-filling/ refillable	Other	Page	
Electrochemical single point lubrication								
	G-LUBE	1-12 months	60 ml 120 ml 240 ml	5 bar 73 psi	3.0 V battery	— 	4	
Electromechanical single point lubrication								
	Sololube Basic	1-12 months	150 ml	7.5 bar 109 psi	6.0 V Li battery or 24 VDC		6	
	Sololube X60 Sololube X150 Sololube X250		60 ml 150 ml 250 ml				6	
	Lub5-120	1, 3, 6, 12, 24 months	120 ml	10 bar 145 psi	3.0 V Li battery		8	
	Lub5-120 PLUS Lub5-250		120 ml 250 ml				8	
	Lubricus S	1-24 months	125 ml 250 ml	15/35/ 50 bar 218/435/ 725 psi	4.5 V battery / 24 VDC	— Delivery pressure switchable, multipoint lubrication possible when operating at 24 VDC	14	
Electromechanical multipoint lubrication								
	Lubricus B	1–36 months or pause time	250 ml 400 ml	70 bar 1015 psi	6.0 V Li battery	—	1-2 outlets	10
	Lubricus V	1–36 months or pause time (intermittent operation possible)			24 VDC	—		10
	Lubricus D	Pause time (individually adjustable)				—	1-4 outlets External control / PLC	10
	Lubricus C		400 ml			—	1-4 outlets Lubricus controller required	10
	Lubricus M		1500 cm ³ 2000 ml			—*	1-10 outlets *refillable when using oil	15



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