



GRUETZNER
AUTOMATIC LUBRICATION

PRODUCT CATALOGUE


















AUTOMATIC LUBRICATION

Edition 04/2026

modern lubrication technology



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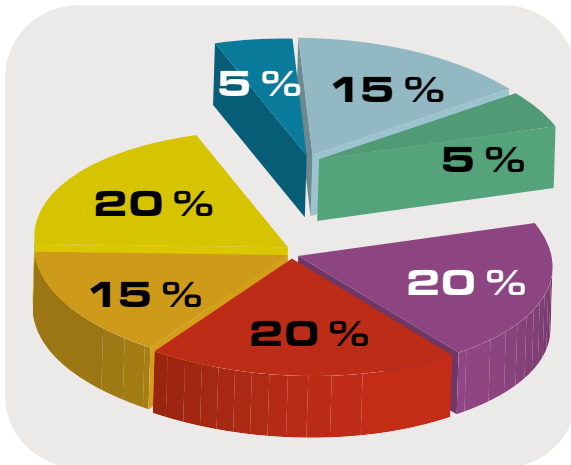
Gruetzner GmbH

Gruetzner GmbH has been your specialist for automatic lubrication systems and maintenance tools since 1993. Our user-friendly lubrication solutions are used in almost all areas of maintenance in every industry across the globe.

Our offerings also include various maintenance accessories for areas such as bearing mounting. Decades of experience make us a skilled contact for all matters relating to lubrication technology.



Bearing damage and its causes



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

Video: automatic lubrication



 **CLICK**

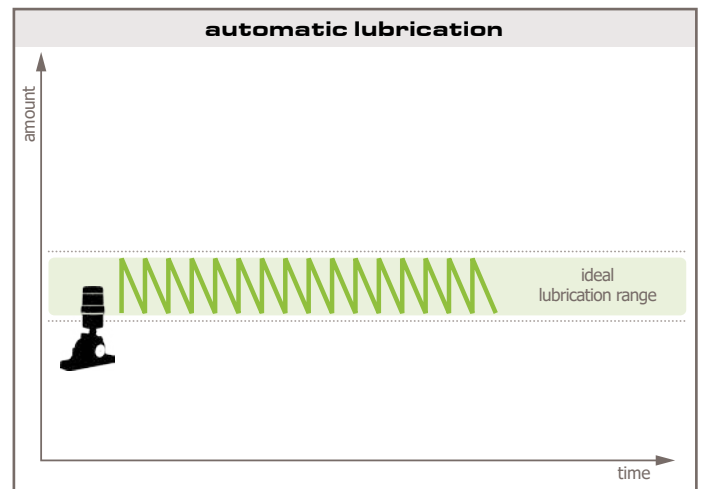
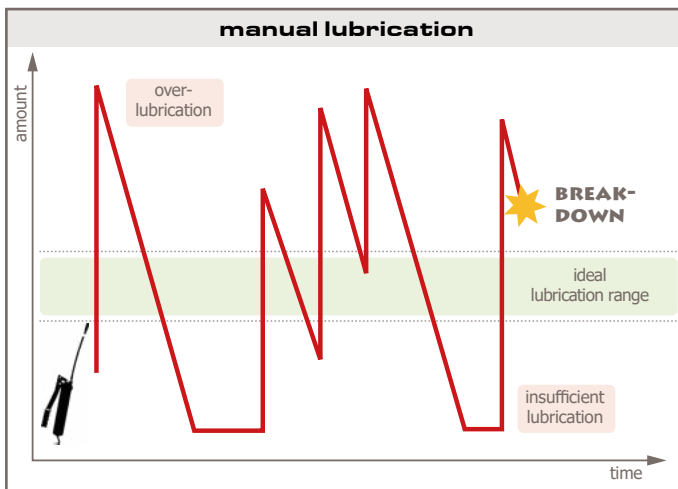
More than half of all unforeseen bearing malfunctions are lubricant related!

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

The benefits of automatic lubricators

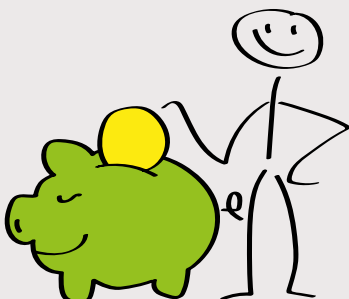
Automatic lubrication systems dispense small, precise amounts of lubricant at short, regular intervals.

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!

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.

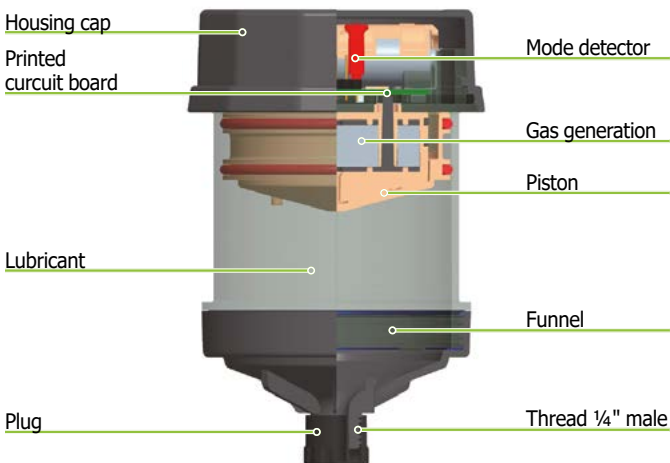
With pressure generation not exceeding 5 bar (73 psi) and at ambient temperatures from -20 to $+55$ °C (-4 to $+131$ °F) **G-LUBE** guarantees up to 12 months of reliable operation. The lubrication system is available in the sizes 60, 120 and 240 ml.

Your 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)		
Distribution period	1/3/6/9/12 months		
Lubricant volume	60 ml	120 ml	240 ml
Lubricating medium	oils and greases up to NLGI cl. 2		
Operating temperature	-20 to +55 °C / -4 to +131 °F		
Weight empty	~ 195 g	~ 205 g	~ 225 g
Dimensions (height x Ø)	91 mm x 77 mm	111 mm x 77 mm	156 mm x 77 mm
Distributor possible	-		
Certifications	ATEX, IP68		

Filling - all-round service or independently

You can fill G-LUBE yourself quickly and easily!



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 26) 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.

Tutorial: Filling



[CLICK](#)

Tutorial: Starting



[CLICK](#)



G-LUBE can be used in almost all sectors and areas and can be activated without tools. For indirect installation, we recommend our wide range of accessories on page 33 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.

Safe automatic lubrication

Tutorial: Starting



CLICK

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.

Tutorial: Filling



CLICK

The performance of **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 is available in three models:

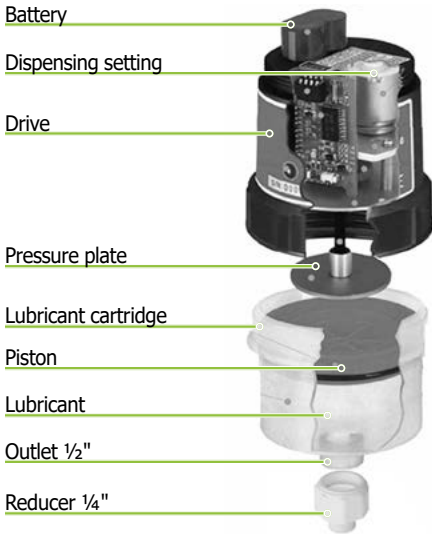
The **Xtra150** model uses a 150 ml cartridge. If a larger or very small amount of lubricant is required, **Xtra250** (250 ml) **Xtra60** (60 ml) apply. All models include a reusable electromechanical drive unit.

Your advantages

- 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 to +60 °C (-4 to +140 °F)
- Can be used outdoors
- Independent of temperature
- Visual check possible at all times
- Hose up to 1.5 m long
- Special fillings available



Design



Technical data

Model	Xtra60	Xtra150	Xtra250
Drive	electromechanical (reusable)		
Operating pressure	max. 7.5 bar (109 psi)		
Distribution period	1-12 months		
Lubricant volume	60 ml	150 ml	250 ml
Lubricating medium	oils and greases up to NLGI cl. 2		
Operating temperature	-20 to +60 °C / -4 to +140 °F		
Working voltage	6.0 V (Li battery) or 24 V power supply		
Weight empty: battery/adaptor	~ 542 g ~ 563 g		~ 700 g ~ 730 g
Dimensions (height x Ø)	138 x 84 mm	151 x 84 mm	183 x 96 mm
Performance monitoring	green/red LED		
Distributor possible	-		

Adapter for external power supply 24 VDC

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

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

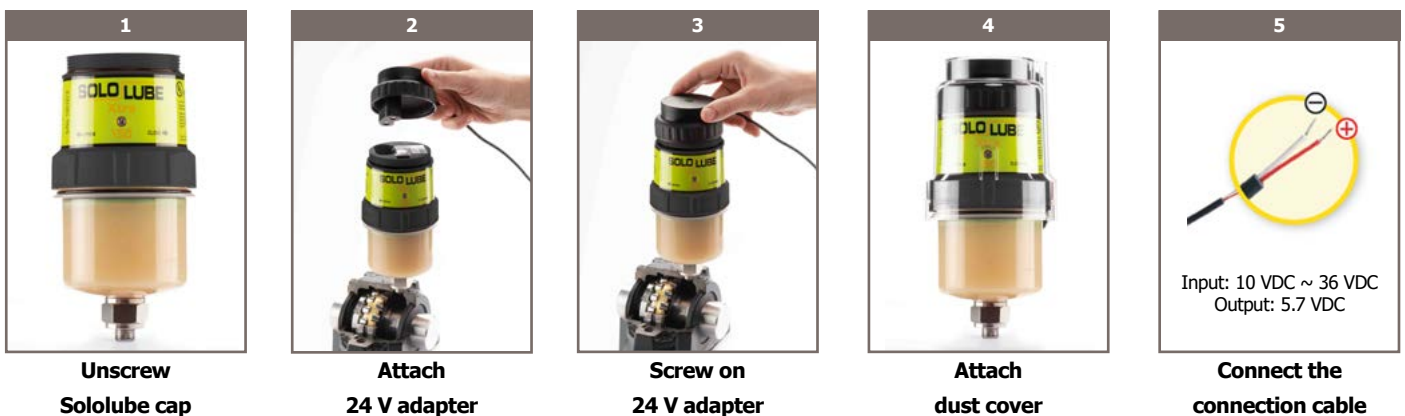
The **Sololube** lubricant dispenser cap can be easily changed in seconds and intermittent machine-dependent operation is possible immediately. The adapter is connected using a two-core connection cable.



Your gains

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

Installation



LUBRICAJO EM



Lubricajo EM - Precision that keeps your machines moving

Standing still is not an option in the modern world of industry. The **Lubricajo EM** series offers a tailor-made solution to suit every requirement – from an autonomous single point to a fully integrated system solution. Browse our extensive portfolio and choose the exact model that will optimise your processes and deliver maximum reliability.

Performance with no compromises

The **Lubricajo EM** series is renowned for providing reliability and flexibility in industrial maintenance. With its powerful electromechanical drive, it guarantees constant, precise delivery of lubricant for all greases up to NLGI class 2 – even when the ambient temperature fluctuates.

Choose from three cartridge sizes (120 ml, 240 ml or 480 ml) and three model types (**Lubricajo B**, **Lubricajo V** or **Lubricajo D**) to adapt the system perfectly to provide the maintenance your system requires.

The drive unit is reusable. At the end of the lubrication cycle, all you need to do is replace the lubricant cartridge (and the battery pack for battery-operated models).



Full view with LUX

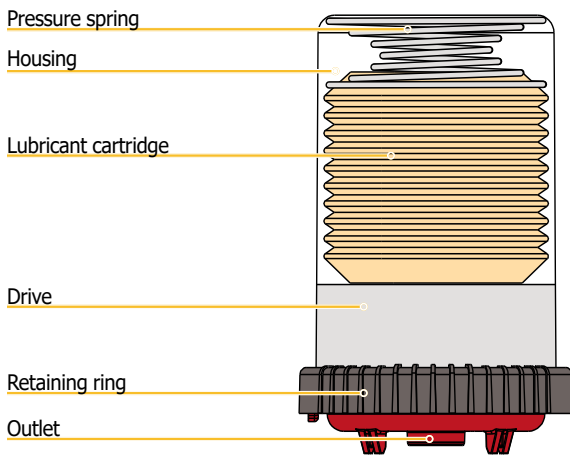
When visibility is poor, it is often difficult to perform a visual check. Thanks to the transparent housing and the integrated all-round LEDs, you can perform an uninterrupted 360-degree visual check with the **LUX** special models. This gives you a perfect view of the lubrication process from every angle.

In addition, you benefit from advanced setting options that allow you to customise the system even more precisely to suit your individual operating requirements.

Your advantages

- Delivery pressure up to 25 bar (363 psi)
- Distribution period: 1 week to 16 months or pulse control
- Optical warning in the case of malfunction (LED)
- Concealed controls – protected against incorrect operation
- Operating temperature -15 °C to +50 °C / +5 to +122 °F
- Temperature-independent feed rate
- Greases up to NLGI cl. 2
- Special fillings available



Design

Technical data

Model	Lubricajo B, LX-B	Lubricajo V, LX-V	Lubricajo D
Drive	electromechanical (reusable)		
Operating pressure	max. 25 bar (363 psi)		
Distribution period	1 week - 16 months / individually adjustable		
Lubricant volume	120 / 240 / 480 ml		
Lubricating medium	greases up to NLGI cl. 2		
Operating temperature	-15 °C to +50 °C (+5 to +122 °F) with AI battery: 0 °C to +50 °C (+32 to +122 °F)		
Working voltage	battery	24 VDC	
Weight empty	~ 520 - 700 g		
Performance monitoring	depending on device		
Distributor possible	✓		

Suitable for any infrastructure

Every machine is different. With the wide range of models we offer, you are sure to find the version that suits your specific requirements perfectly. Choose from a total of five different models, each available in three sizes, and find your perfect lubrication system:



	Lubricajo B	Lubricajo V	Lubricajo D	Lubricajo LUX-B	Lubricajo LUX-V
Working voltage	battery	24 VDC	24 VDC	battery	24 VDC
Performance monitoring	LEDs	LEDs	LEDs & PLC	360° LEDs	360° LEDs & PLC
Control	time mode	time mode	pulse control	time mode	time mode/ pulse control
Intermittent operation	✗	✓	✓	✗	✓
Distribution period	1 week - 16 months	1 week - 16 months	individually adjustable	1 week - 16 months	individually adjustable
Operation	directly at the device	directly at the device	directly at the device/ control using PLC	directly at the device	directly at the device/ control using PLC



Lubricajo B • Autonomous and reliable



Maximum freedom with no cables. Battery operation makes **Lubricajo B** the ideal partner for remote systems or mobile components where it is not possible or it is too costly to provide an external power supply. An alkaline or lithium battery pack will be used, depending on the requirements and environmental conditions.

- ✓ lubricant volume 120, 240 or 480 ml
- ✓ supply pressure 25 bar (363 psi)
- ✓ visual check using two-colour LEDs
- ✓ distribution period: 1 week to 16 months
- ✓ dust-tight and water-protected (protection class IP66)
- ✓ also available as a LUX version



Lubricajo V • The constant power source



With the maintenance-free power supply of 24 VDC, **Lubricajo V** can be integrated directly into your machine – reliably and with no need to change the battery. The memory function saves all settings and also enables intermittent operation.

- ✓ lubricant volume 120, 240 or 480 ml
- ✓ supply pressure 25 bar (363 psi)
- ✓ visual check using two-colour LEDs
- ✓ distribution period: 1 week to 16 months
- ✓ dust-tight and water-protected (protection class IP66)
- ✓ also available as a LUX version



Lubricajo D • The intelligent system solution



Full control thanks to smart communication. Thanks to the PLC connection, the lubrication cycle can be monitored and controlled directly via your machine control system. **Lubricajo D** is perfect for highly automated processes where every second counts.

- ✓ lubricant volume 120, 240 or 480 ml
- ✓ supply pressure 25 bar (363 psi)
- ✓ visual check using two-colour LEDs
- ✓ control individually via PLC
- ✓ exact control and lubricant dosing
- ✓ dust-tight and water-protected (protection class IP66)



Lubricajo LUX-B • Bright outlook


Lubricajo LUX-B is a further development of **Lubricajo B**.

In addition to the familiar properties, this model gives you even more options to adjust settings for lubricant delivery.

The 360-degree visual check combines a transparent drive housing with all-round LEDs in three colours. This means you can perform a quick, visual functional check at any time.

- ✓ all **Lubricajo B** features
- ✓ protection class IP64
- ✓ 360° visual check with three-colour LEDs
- ✓ advanced adjustment options


Lubricajo LUX-V • Maximum control and full transparency


Lubricajo LUX-V is the logical further development of our tried-and-tested models **Lubricajo V** and **Lubricajo D** and combines their specific strengths in a single, high-precision system.

The choice is yours: Use discharge time mode for constant lubrication for up to 48 months or control the device directly via your PLC to give you maximum control in pulse mode. Thanks to the 360-degree visual check with three-colour, all-round LEDs, you can reliably monitor the lubrication of your system from any angle at any time.

- ✓ all **Lubricajo V** and **Lubricajo D** features
- ✓ distribution period: 1 week to 48 months or individually adjustable (PLC)
- ✓ protection class IP64
- ✓ 360° visual check with three-colour LEDs
- ✓ advanced adjustment options



G-LUBE EM



G-LUBE EM - High-pressure lubrication systems for grease

G-LUBE EM models are temperature-independent high-pressure lubrication systems for single-point and multi-point lubrication applications with grease. With its high delivery pressure of up to 60 bar (870 psi), **G-LUBE EM** is particularly powerful and ideally suited for demanding applications. A uniform lubricant delivery is ensured throughout the entire operating period, even in settings subject to temperature fluctuations or high back pressures.

Multi-point lubrication at up to 60 bar (870 psi)

With three models and four different cartridge sizes ranging from 60 to 480 ml, the **G-LUBE EM** series covers a wide range of applications. The lubricant cartridge is simply screwed onto the drive unit and can be changed quickly and easily.

Thanks to the high delivery pressure, it is possible to connect multiple distributors to **G-LUBE EM**. In this way, up to 12 lubrication points can be supplied with one device. An overview of all distributors can be found on page 40.

G-LUBE EM B: Robust, strong, independent

Tutorial: Starting



CLICK

G-LUBE EM B delivers precise lubrication for up to 12 months and is completely autonomous thanks to battery operation.



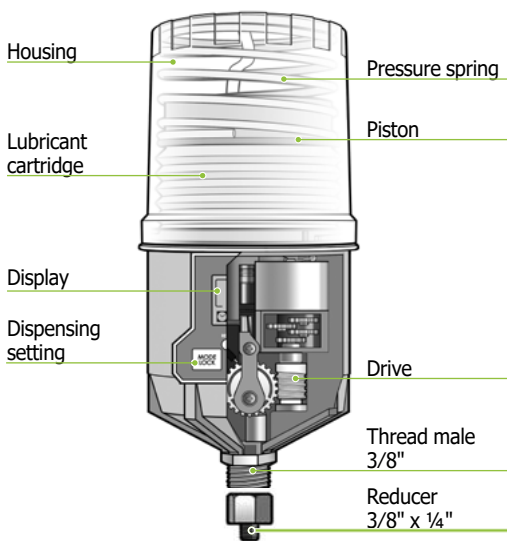
Thanks to the numerous detailed status messages, you can always see everything at a glance. Among other things, the residual-duration countdown is displayed. The illuminated display ensures good legibility even in low light conditions.

Ex
version
available

Your advantages

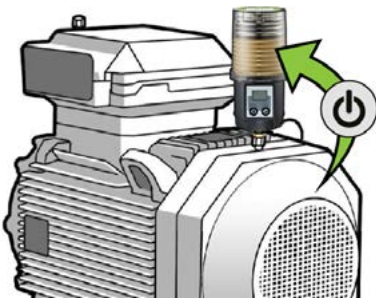
- Temperature independent: linear emptying throughout the entire period
- High delivery pressure up to 60 bar (870 psi)
- Self-sufficient battery-powered operation or 9-36 VDC
- Multi-point lubrication: option to connect multiple distributors
- Backlit display
- 4 sizes for any application setting
- Special fillings available



Design

Technical data

Model	GL-EM-60	GL-EM-125	GL-EM-250	GL-EM-500
Drive	electromechanical (reusable)			
Operating pressure	max. 60 bar (870 psi)			
Distribution period	1-12 months / pulse control			
Lubricant volume	60 ml	120/125 ml	240/250 ml	480/500 ml
Lubricating medium	greases up to NLGI cl. 2			
Operating temperature	-15 °C to +60 °C / +5 to +140 °F (Al battery: +5 °C to +60 °C / +41 to +140 °F)			
Working voltage	4.5 V (Al/Li battery) / 9-36 VDC			
Weight (without cartridge)	~ 530 - 747 g			
Dimensions (height x Ø)	181 x 91 mm	209 x 91 mm	260 x 92 mm	
Performance monitoring	depending on device			
Distributor possible	✓ *			

*When a distributor is connected to **G-LUBE EM B**, the lithium battery GL-BAT-L is required.

G-LUBE EM V: Lubrication only when the machine is in operation


Many machines are not in constant operation. To avoid over-lubrication during idle periods, **G-LUBE EM V** offers the option to synchronise the lubrication system with the connected machine. In this way, the lubricant is delivered as and when required.

The dispensing period of up to 12 months will be extended accordingly with intermittent operation.

G-LUBE EM V can even be connected to your PLC and will send a warning signal once the dispensing period has ended. The operating state is also always visible on the lubrication system's illuminated display.

G-LUBE EM D: Control via PLC


Thanks to being individually controlled via a PLC, **G-LUBE EM D** offers additional options for tailoring the automatic lubrication point supply to the needs of each application setting.

G-LUBE EM D is always there for the machine, whenever you want it to be. The lubrication impulses set via the PLC can also be finely adjusted on the device itself in order to optimise the effectiveness and efficiency of the work process. Numerous status messages can be read out both on the illuminated display and as a feedback signal on the PLC.



G-LUBE EM OIL

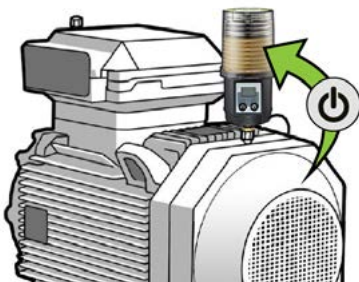


G-LUBE EM OIL - Powerful automatic oil lubrication

The **G-LUBE EM OIL** series offers tailor-made solutions for automatic oil lubrication. Thanks to the large oil reservoir of up to 500 ml, several lubrication points can be supplied simultaneously – even over longer distances – thanks to a delivery pressure of up to 10 bar. Save time and money by easily refilling the lubrication system directly on site. Ideal for the lubrication of chains, spindles and linear guides!

Customised lubrication

Similar to the **G-LUBE EM** series for grease applications, the **G-LUBE EM OIL** series offers three specialised models for automated oil lubrication.



G-LUBE EM B OIL: Maximum flexibility thanks to autonomous battery operation and an intuitive display with residual-duration countdown. Ideal for locations where there is no external power supply.

G-LUBE EM V OIL: Sustainable and maintenance-free thanks to 9-36 VDC mains operation. The machine synchronisation prevents over-lubrication when the machine is not operating.

G-LUBE EM D OIL: Full control via PLC control. Four cartridge sizes (60–480 ml) and finely adjusted impulse settings guarantee maximum efficiency for complex applications.

Tutorial: Starting



CLICK

The flexibility of **G-LUBE EM OIL** makes it suitable for use in all sectors of industry, both indoors and outdoors.

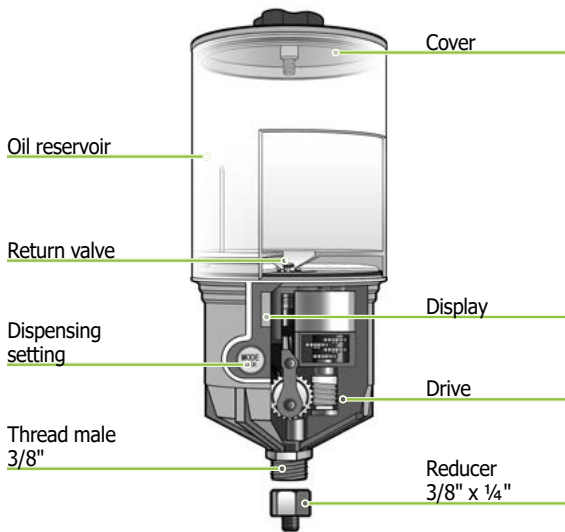
The extra-large oil reservoir holds, depending on the model, 480 or even 500 ml and, each time it is fully emptied, it can be refilled easily and directly on site without requiring any special equipment. This means that using **G-LUBE EM OIL** not only saves working time, but also reduces the follow-up operation costs to a minimum.



Your advantages

- Refillable on-site
- Temperature-independent: linear discharge during the complete period
- Extra-large oil container
- Self-sufficient battery-powered operation or 9-36 VDC
- Numerous detailed status messages via display and LED
- Multi-point lubrication: option to connect multiple distributors



Design

Technical data

Model	GL-EM-OIL
Drive	electromechanical (reusable)
Operating pressure	max. 10 bar (145 psi)
Distribution period	2 weeks to 24 months / pulse control
Lubricant volume	480/500 ml
Lubricating medium	oils > ISO VG 10
Operating temperature	-15 to +60 °C / +5 to +140 °F (Al battery: +5 to +60 °C / +41 to +140 °F)
Working voltage	4.5 V (Al or Li battery) / 9-36 V
Weight (empty)	~ 521 - 617 g
Dimensions (height x Ø)	229 x 99 mm
Performance monitoring	depending on device
Distributor possible	✓*

*When a distributor is connected to **G-LUBE EM B OIL**, the lithium battery GL-BAT-L is required.



In combination with our chain lubrication pinions and/or lubrication brushes, **G-LUBE EM OIL** supplies chains with oil reliably and as required. Our wide range of accessories begins on page 33.

Modellübersicht
Video: Model scheme

CLICK

The **G-LUBE EM** family consists of numerous models, which are presented on the following pages. Whether for grease or oil, with battery operation, a 9–36 VDC power supply or PLC connection, here you will find the perfect lubrication solution for your application.



	G-LUBE EM B	G-LUBE EM B OIL	G-LUBE EM V	G-LUBE EM V OIL	G-LUBE EM D	G-LUBE EM D OIL
Lubricant	grease	oil	grease	oil	grease	oil
Working voltage	battery		9-36 VDC		9-36 VDC	
Distribution period	1-12 months	1-24 months	1-12 months (intermittent operation possible)		Interval mode (individually adjustable)	
Lubricant volume	60 / 125 / 250 / 500 ml	500 ml	60 / 120 / 240 / 480 ml	480 ml	60 / 120 / 240 / 480 ml	480 ml
Control	time mode		time mode		pulse control	
Operation	directly at the device		directly at the device		control using PLC	

G-LUBE EM B: Robust, strong, independent



G-LUBE EM B gives you a fully autonomous maintenance solution: Depending on the ambient conditions, the power supply is provided flexibly by alkaline or lithium batteries, which ensures that the system is ready to be used wherever you want immediately. There are four different sizes from 60 to 500 ml to choose from. The lubricant cartridge is simply screwed on.

- ✓ battery powered
- ✓ supply pressure 60 bar (870 psi)
- ✓ distribution period 1 to 12 months
- ✓ backlit display
- ✓ lubricant volume 60, 125, 250 or 500 ml
- ✓ for greases up to NLGI class 2
- ✓ EX version available (for use in a potentially explosive environment)



G-LUBE EM V • Lubrication only when the machine is in operation



G-LUBE EM V is a high-pressure lubrication system for grease suitable for flexible use thanks to an operating voltage of 9–36 VDC. Synchronisation with the connected machine guarantees precise, needs-based lubrication even during intermittent operation.

G-LUBE EM V can even be connected to your PLC and will send a warning signal once the dispensing period has ended.

- ✓ flexible operating voltage from 9 to 36 VDC
- ✓ supply pressure 60 bar (870 psi)
- ✓ distribution period 1 to 12 months
- ✓ intermittent operation possible
- ✓ synchronisation with the connected machine
- ✓ backlit display
- ✓ lubricant volume 60, 120, 240 or 480 ml
- ✓ for greases up to NLGI class 2



G-LUBE EM D • PLC-controlled customised lubrication



G-LUBE EM D is a high-pressure lubrication system for grease for integration into a PLC. The lubrication system is managed by the external control which allows the user to set individual and needs-based lubrication impulses. It can be used flexibly thanks to operating voltages of 9–36 VDC.

- ✓ flexible operating voltage from 9 to 36 VDC
- ✓ supply pressure 60 bar (870 psi)
- ✓ distribution period: individually adjustable
- ✓ intermittent operation possible
- ✓ control via PLC
- ✓ synchronisation with the connected machine
- ✓ backlit display
- ✓ lubricant volume 60, 120, 240 or 480 ml
- ✓ for greases up to NLGI class 2



G-LUBE EM B OIL • Autonomous and refillable


As a purely battery-operated oil dispenser, **G-LUBE EM B OIL** is ideal for the lubrication of chains, spindles and linear guides. The autonomous operation and the variety of applications enable a wide range of uses. The intuitive operation on the display enables easy and straightforward commissioning on site.

- ✓ battery powered
- ✓ supply pressure 10 bar (145 psi)
- ✓ distribution period: 0,5/1/2/4/6/12/18/24 months
- ✓ countdown of remaining duration on the display
- ✓ lubricant volume 500 ml
- ✓ for oils > ISO VG 10
- ✓ refillable on-site


G-LUBE EM V OIL • Synchronised lubrication


If machines do not operate continuously, there is often the risk of over-lubrication during the shutdown times. **G-LUBE EM V OIL** is linked directly to the machine's control system. This ensures that the lubricant is only ever delivered during the operating phases and so is always provided exactly as is required.

- ✓ flexible operating voltage from 9 to 36 VDC
- ✓ supply pressure 10 bar (145 psi)
- ✓ distribution period: 1 to 12 months
- ✓ intermittent operation possible
- ✓ synchronisation with the connected machine
- ✓ lubricant volume 480 ml
- ✓ for oils > ISO VG 10
- ✓ refillable on-site


G-LUBE EM D OIL • Full control with your PLC


With **G-LUBE EM D OIL**, you can control your oil lubrication directly via the PLC. This gives you entirely needs-based lubrication impulses and maximum process flexibility. The illuminated display and feedback signals provided to the PLC guarantee uninterrupted status monitoring in real time.

- ✓ flexible operating voltage from 9 to 36 VDC
- ✓ supply pressure 10 bar (145 psi)
- ✓ distribution period: individually adjustable
- ✓ intermittent operation possible
- ✓ control via PLC
- ✓ synchronisation with the connected machine
- ✓ lubricant volume 480 ml
- ✓ for oils > ISO VG 10
- ✓ refillable on-site



G-LUBE VIB



G-LUBE VIB - automatic lubrication system with vibration sensor

G-LUBE VIB is an innovative electromechanical lubrication system dispenser that only activates itself if the connected sensor registers vibrations. This makes it particularly suitable for intermittent operation. The battery power supply allows self-sufficient use and makes **G-LUBE VIB** independent from an external power supply.

Movement makes the difference



G-LUBE VIB is connected to a vibration sensor that is mounted quite easily on the relevant machine using a magnet. The sensitivity of the sensor can be adjusted infinitely. During operation **G-LUBE VIB** only lubricates in accordance with the entered settings if the sensor registers vibrations. This guarantees optimum lubrication even on machines that are not used regularly.

All functions are visible at all times on the built-in display.

Models

G-LUBE VIB is available in the model versions 60, 125 and 250 ml.

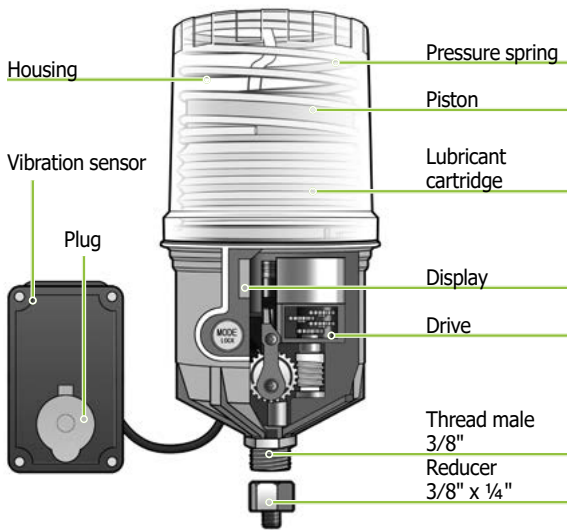
The reusable, electromechanical drive is identical for all models. If a different size is to be installed after discharge then it is only necessary to change the relevant lubricant cartridge and the correct, reusable top. All the parts, including the sensor cable, are available separately. This makes **G-LUBE VIB** flexible and cost-effective to use. The reusability makes the device particularly environmentally friendly.

Your advantages

- Vibration sensor allows optimal lubrication
- Self-sufficient operation with battery operation
- One drive for all sizes
- Countdown of remaining duration on the display
- Numerous detailed status messages via display and LED



Design

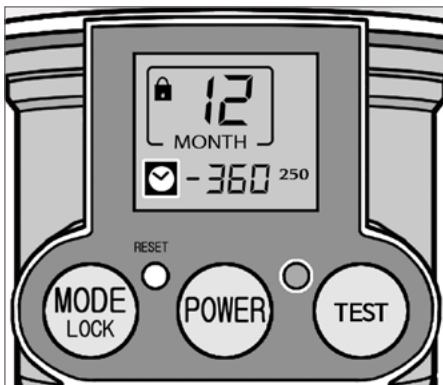


Technical data

Model	GL-VIB-60	GL-VIB-125	GL-VIB-250
Drive	electromechanical (reusable)		
Operating pressure	max. 60 bar (870 psi)		
Distribution period	1-12 months		
Lubricant volume	60 ml	125 ml	250 ml
Lubricating medium	greases up to NLGI cl. 2		
Operating temperature	Al battery: +5 to +60 °C / +41 to +140 °F Li battery: -15 to +60 °C / +5 to +140 °F		
Working voltage	4.5 V (Al or Li battery)		
Weight (without cartridge)	~ 732 g	~ 745 g	~ 810 g
Dimensions (height x Ø)	182 x 91 mm		208 x 91 mm
Performance monitoring	display & LED		
Distributor possible	✓*		

*If a distributor is connected, the GL-BAT-L lithium battery is required.

Detailed status reports



The display with its integrated LEDs offers very detailed status reports.

Particularly practical: a countdown of the remaining duration can be read on the display at all times during operation. The number of days since the last lubrication is also shown.

Error messages such as for an empty cartridge or low battery power can also be seen from far away in the form of flashing LEDs.

Tutorial: Calibrating the sensor



CLICK



G-LUBE VIB ensures ideal lubrication in discontinuous operation by individual adjustment of the sensor. For an indirect installation we recommend our wide range of accessories on page 33 onwards.



LUB-S



LUB-S - monitored lubrication of minimum volume

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

Models



Two types of **LUB-S** are available:

LUB-S-B runs with a 4.5 V battery and operates at up to 35 bar (508 psi). At low temperatures and/or with high back pressure we recommend using the more powerful lithium battery instead.

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 anytime. The built-in display allows you to keep track of all functions.

Advances through innovation

LUB-S unites up to 3 operating modes in one device and offers maximum flexibility:

- **Hour mode:** setting the number of hours for the lubrication cycles
- **Discharge time mode:** setting the time in months until the cartridge is empty
- **Pulse mode:** **LUB-S-V** can be integrated into an external control system (PLC) and then commanded and controlled using this.

Thus **LUB-S** can be used flexibly and can be adapted to modified framework conditions at any time.

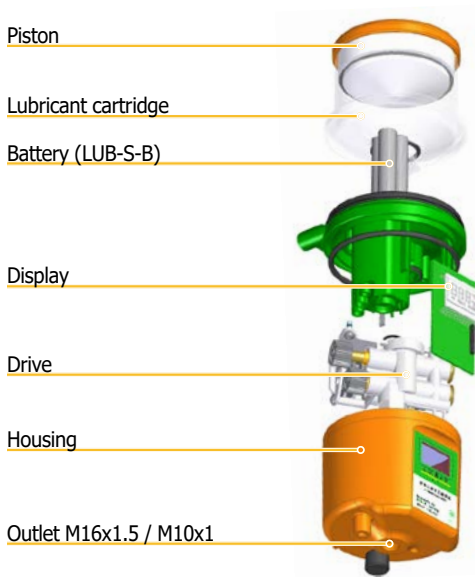


Your advantages

- Battery operation or with 24 VDC
- Up to 10x higher feed pressure than with gas-operated lubricators
- Compact dimensions
- Easy to operate
- Fault / empty reporting
- Suitable for splitters / progressive distributors (**LUB-S-V**)
- Connection to PLC possible (**LUB-S-V**)
- Up to 3 operating modes



Design



Technical data

Model	LUB-S-B	LUB-S-V
Drive	electromechanical (reusable)	
Operating pressure	max. 35 bar (508 psi)	max. 50 bar (725 psi)
Distribution period	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 to +60 °C / +59 to +140 °F Li battery: -15 to +60 °C / +5 to +140 °F	-15 to +60 °C / +5 to +140 °F
Working voltage	4.5 V	24 VDC
Weight empty	~ 433 g	~ 422 g
Dimensions (height x Ø)	152 x 83 mm	
Performance monitoring	LCD display & LED	OLED display
Distributor possible	-	✓

LUB-S

LUB-S-V - multiple point lubrication



Thanks to its performance **LUB-S-V** can also be used in combination with splitters or progressive distributors. This makes it possible to supply up to 12 lubrication points with one device.

All accessories such as fixing bracket, hose and distributors are available individually or in a practical set (see page 52). Progressive distributors with circulation monitoring are also available and can be integrated into the monitoring. This gives you an overview of all the functions at all times.



Multiple point lubrication
Up to 12 lubrication points with
progressive distributor



LUBRICUS



Lubricus - the adaptive and compact lubrication system

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.

Flexible lubrication

Video: pump in cross section



CLICK

Lubricus 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. Furthermore, OIL versions without a cartridge are also available, which have been specially designed for use with oil. You can refill the oil yourself cleanly and easily. There is no need to replace empty cartridges – just top up with oil!

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

Your advantages

- Delivery pressure up to 70 bar (1015 psi)
- Connection to machinery controls possible
- Distribution period 1–36 months or pause time
- Optical warning in the case of malfunction (LED)
- Operating temperature -15 to +70 °C / +5 to +158 °F
- Fault/empty reporting
- Temperature-independent feed rate
- Oils and greases up to NLGI cl. 2
- Special fillings available



Design

Technical data

Model	Lubricus 250 ml	Lubricus 400 ml
Drive	electromechanical (reusable)	
Operating pressure	max. 70 bar (1015 psi)	
Distribution period	1 - 36 months / pause time	
Lubricant volume	250 ml	400 ml
Lubricating medium	oils and greases up to NLGI cl. 2	
Operating temperature	-15 to +70 °C / +5 to +158 °F	
Working voltage	Li battery or 24 VDC	
Weight empty	~ 1050 - 1500 g	
Dimensions (WxHxD)	112 x 165 x 94 mm	112 x 196 x 94 mm
Performance monitoring	depending on device	
Distributor possible	✓	

High flexibility through a wide range of models

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



	Lubricus B	Lubricus B-EB	Lubricus V	Lubricus D
Number of outlets	1, 2	1, 2	1, 2	1, 2, 3, 4
Performance monitoring	LCD display & LED	LCD display & LED	OLED display	via PLC
Working voltage	battery	battery (external compartment)	24 VDC	24 VDC
Distribution period	1-36 months or pause time	1-36 months or pause time	1-36 months or pause time <i>(intermittent operation possible)</i>	pause time <i>(individually adjustable)</i>
Control	time mode	time mode	time mode pulse control	pulse control
Operation	directly at the device	directly at the device	directly at the device/ control using PLC	control using PLC
OIL version	✗	✓	✓	✓



Lubricus B - independent thanks to battery power



The battery-operated variant of the **Lubricus** lubrication system is always used when an autarkic 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
- ✓ lubricant volume 250 or 400 ml
- ✓ supply pressure 70 bar (1015 psi)
- ✓ LCD display with LED
- ✓ "quick check" (back-pressure readings)
- ✓ 1 to 36 months / pause time



Lubricus B-EB - external battery



Lubricus B-EB is an enhanced version of **Lubricus B**. In addition to the already proven features, the lubrication system now comes with an external battery compartment. As a result, it is not only suitable for direct filling with oil but also extremely flexible and export friendly. There is no need for time-consuming and expensive battery shipments.

- ✓ all **Lubricus B** features
- ✓ external battery compartment
- ✓ **OIL** version: can be filled with your own oil cleanly and easily
- ✓ export friendly



Lubricus V - take a break



The 24 V version of the **Lubricus** lubrication system is always worth considering if an external power supply is available. **Lubricus V's** strengths become particularly apparent during discontinuous operation.

- ✓ 1 or 2 outlets, 70 bar
- ✓ Lubricant volume 250 or 400 ml
- ✓ Supply pressure 70 bar (1015 psi)
- ✓ OLED display
- ✓ "quick check" (back-pressure readings)
- ✓ Error readouts possible
- ✓ 1 to 36 months / pause time / pulse control



Lubricus D - pulse control



Lubricus D is designed for external control and 24 VDC voltage supply. The feed pump in **Lubricus D** feeds the lubricant to the outlets in accordance with the control of the pump openings using PLC.

- ✓ 1, 2, 3 or 4 outlets
- ✓ lubricant volume 250 or 400 ml
- ✓ supply pressure 70 bar (1015 psi)
- ✓ flexible, individual volume assignment
- ✓ feedback to the connected unit
- ✓ exact control and lubricant dosing



PLC-controlled distributor

Distributors distribute the supplied lubricant to the various outlets. In addition to the use of classic and monitored progressive distributors (from page 40), a special distributor, **which is controlled via the PLC**, can also be used.

The PRV-PLC is therefore an electronically and mechanically controlled distributor for grease and oil.

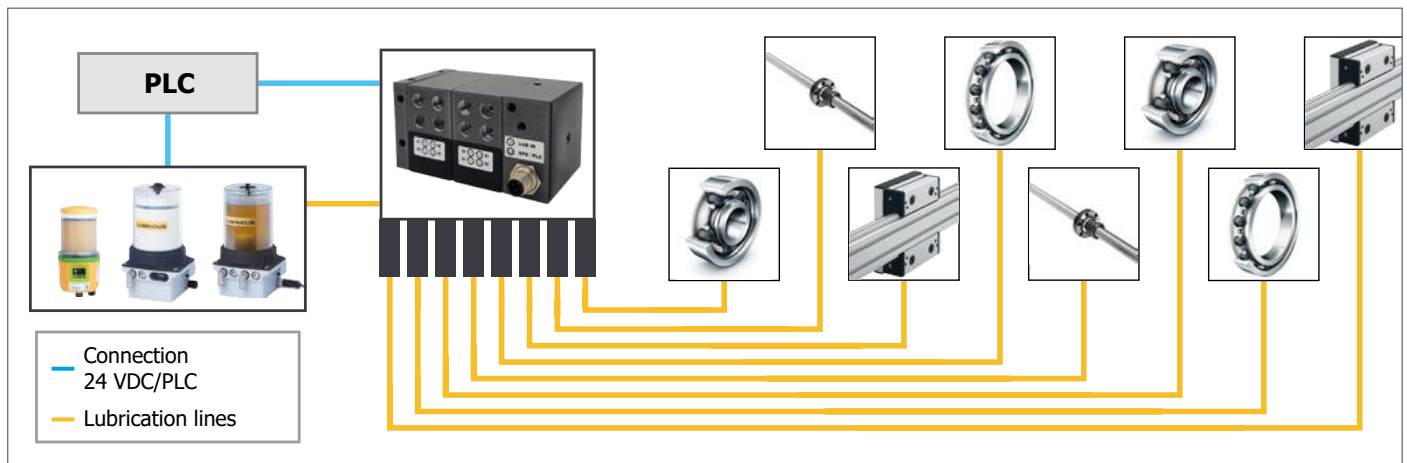
The individual outlets can be mechanically opened and closed independently of one another. This allows the user to program **individual lubrication quantities for each outlet** or to decide not to supply individual outlets. This unique dosing approach is particularly recommended for applications with highly varying lubrication requirements.



PRV-PLC with 4 and 8 outlets

Built-in check valves prevent the distributor from being affected by the lubrication points' varying counter pressures and ensure the PRV-PLC's excellent reliability.



Application example for a PRV-PLC with 8 outlets



Gruetzner standard lubricants












Standard lubricants – greases

Grease	Base oil	NLGI class	Thickener	Operating temperature	Applications				
					Roller bearings	Plain bearings	Linear guides	Gears/ toothed racks	Spindles
No. 									
01 Multipurpose grease Water-resistant, long-term grease	mineral	2	Li-Ca	-30 to +130 °C -22 to +266 °F	✓	✓	●	●	✓
02 Multipurpose grease with MoS ₂	mineral	2	Li	-30 to +130 °C -22 to +266 °F	●	✓	—	✓	—
03 High temperature grease up to 160 °C / 320 °F <i>(with continuous relubrication 220 °C / 428 °F)</i>	Ester/SHC	1	PHS	-40 to +160 °C -40 to +320 °F	✓	✓	—	—	●
04 High temperature grease up to 180 °C / 356 °F	mineral	1	Calcium sulfonate complex	-30 to +180 °C -22 to +356 °F	✓	●	—	●	●
05 High pressure grease	mineral	2	Calcium sulfonate complex	-30 to +150 °C -22 to +302 °F	✓	✓	—	●	—
06 Water-resistant fluid grease	mineral	0	Ca complex	-30 to +140 °C -22 to +284 °F	✓	✓	✓	✓	●
07 Special grease for gear drives	mineral	0	Li-Ca	-30 to +150 °C -22 to +302 °F	—	✓	—	✓	●
09 Special biodegradable grease	Ester	2	Li-Ca	-40 to +120 °C -40 to +248 °F	✓	✓	●	●	—
10 Special grease for the food, beverage and pharmaceuticals industry 	mineral	1	Al special	-20 to +160 °C -4 to +320 °F	✓	✓	●	✓	●

✓ compatible ● testing required — incompatible

Standard lubricants – oils

Oil No. 	Base oil	Viscosity at +40 °C / +104 °F	Operating temperature	Applications					
				Roller bearings 	Plain bearings 	Linear guides 	Gears/ toothed racks 	Spindles 	Chains 
14 Multipurpose oil	mineral	68	-10 to +90 °C +14 to +194 °F	–	●	●	–	–	✓
15 High-temperature chain oil	Ester/SHC	270	-20 to +300 °C -4 to +572 °F	–	●	●	–	–	✓
64 Special biodegradable oil	synthetic	145	-20 to +120 °C -4 to +248 °F	–	●	●	–	–	✓
70 Special oil for the food, beverage and pharmaceuticals industry (NSF-H1)	 synthetic	96	-35 to +140 °C -31 to +284 °F	–	●	●	–	–	✓
77 Medicinal white oil	 synthetic	70	0 to +60 °C +32 to +140 °F	–	●	●	–	–	✓

✓ compatible ● testing required – incompatible



Did you know...?

On our [website](#) you can find every data sheet for our standard lubricants clearly listed and ready for download.



Self-filling & supplied lubricants

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 many 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!**

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

more
applications



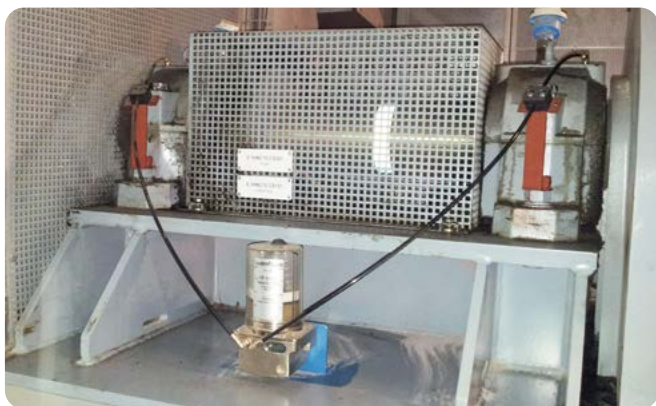
 CLICK

Applications

Food industry



Energy industry



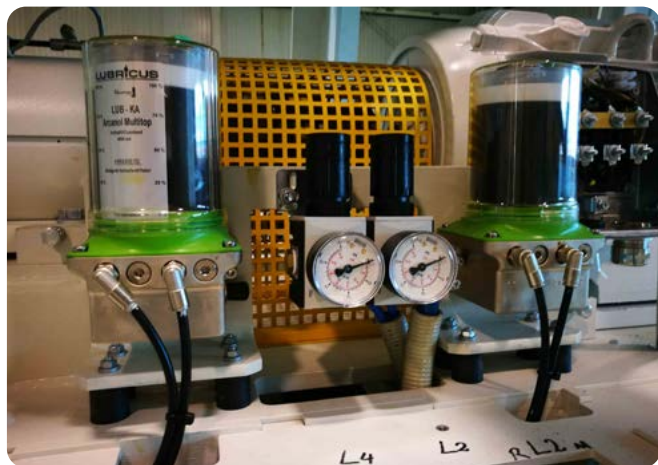
Sewage works



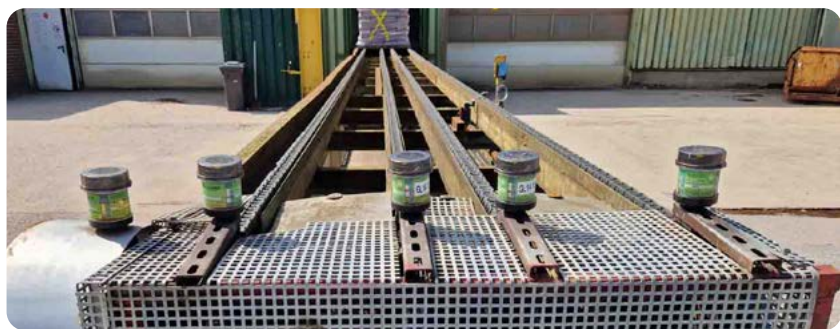
Mining industry



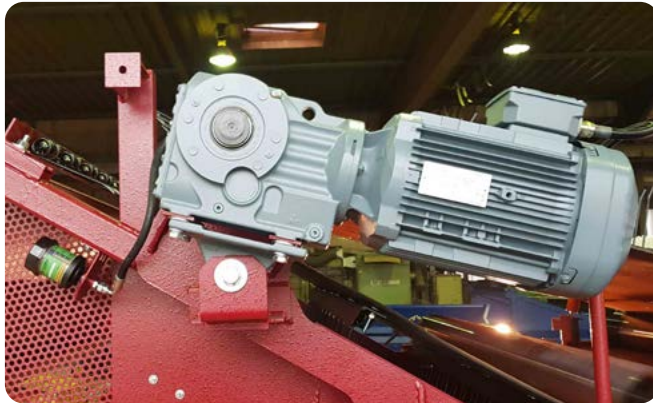
Mechanical engineering



Chains



Electric motors



Other branches



Printing press



Recycling



Steel treatment



Agricultural engineering



Paper conversion











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.

All pictures are for illustration only, the actual product may differ.

Key					
	G-LUBE		SOLOLUBE Models: Sololube Xtra Sololube Xtra 24V		LUBRICAJO EM Models: LJ-EM-B LJ-EM-V LJ-EM-D
	G-LUBE EM Models: GL-EM-B GL-EM-V GL-EM-D		G-LUBE VIB		LUB-S Models: LUB-S-B LUB-S-V
					G-LUBE EM OIL Models: GL-EM-B-OIL GL-EM-V-OIL GL-EM-D-OIL
					Lubricus Models: LUB-B LUB-V LUB-D

Connectors

Art. no.	Extensions & screwed connections (dimensions including external thread)	Material									Fig.no.
SAT1040	Extension 35 mm G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	1
SAT1041	Extension 50 mm G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	2
SAT1042	Extension 85 mm G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Galvanized steel	✓	✓	✓	✓	✓	✓	✓	✓	3
SAT1043	Extension 115 mm G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Galvanized steel	✓	✓	✓	✓	✓	✓	✓	✓	4
SAT1045	Screwed connection 25 mm, incl. 1 nut G $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	5
SAT1046	Screwed connection 60 mm, incl. 2 nuts G $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	6

Figures



Art. no.	Reducers	Material										Fig.no.
SAT1020	Reducer G $\frac{1}{4}$ " x G $\frac{1}{8}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	1
SAT1021	Reducer G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	2
SAT1022	Reducer G $\frac{1}{4}$ " x M6	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	3
SAT1023	Reducer G $\frac{1}{4}$ " x M8	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	4
SAT1024	Reducer G $\frac{1}{4}$ " x M8x1	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
SAT1025	Reducer G $\frac{1}{4}$ " x M10	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
SAT1026	Reducer G $\frac{1}{4}$ " x M10x1	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
SAT1027	Reducer G $\frac{1}{4}$ " x M12	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	8
SAT1028	Reducer G $\frac{1}{4}$ " x M12x1.5	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	9
SAT1010	Connection nipple straight G $\frac{1}{4}$ " x G $\frac{3}{8}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	10
SAT1011	Connection nipple straight G $\frac{1}{4}$ " x G $\frac{1}{2}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	11

Figures













Art. no.	Bent connections & other connectors	Material										Fig.no.
SAT1001	Bent connection 45° G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Malleable cast iron, galvanized	✓	✓	✓	✓	✓	✓	✓	✓	✓	1
SAT1001E	Bent connection 45° G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Stainless steel/V4A	✓	✓	✓	✓	✓	✓	✓	✓	✓	2
SAT1002	Bent connection 90° G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Malleable cast iron, galvanized	✓	✓	✓	✓	✓	✓	✓	✓	✓	3
SAT1002E	Bent connection 90° G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Stainless steel/V4A	✓	✓	✓	✓	✓	✓	✓	✓	✓	4
SAT1002MS	Bent connection 90° R $\frac{1}{4}$ " x R $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
SAT1004	Bent connection 90°, rotatable, R $\frac{1}{4}$ "	Brass	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
SAT3020	Double socket G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
SAT1093	Double socket G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	8
SAT1050	Y-manifold	Brass nickel-plated	✓	✓	✓	✓	✓	✓	✓	✓	✓	9
SAT3012	Refill-nipple for filling Sololube	Brass nickel-plated	-	✓	-	-	-	-	-	-	-	10
LAT1099	Thread adapter M16x1.5 x G $\frac{1}{4}$ "	Stainless steel	-	-	-	-	-	-	✓	-	-	11

Figures

























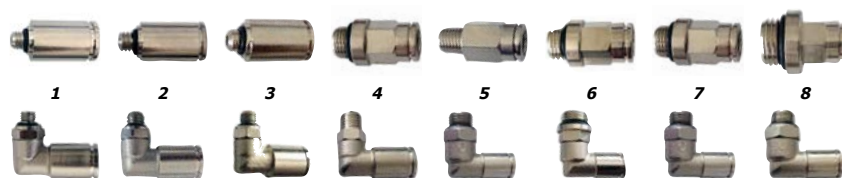













Art. no. straight	Art. no. angled	Hose adapters (for hose Ø 8 mm)	Material									Fig.no.
SAT1060	SAT1060G	Hose adapter R1/4"	Brass nickel-plated	✓	✓	✓	-	-	-	-	-	1
SAT1070	SAT7076G-8	Hose adapter R1/8"	Plastic, brass nickel-plated	✓	✓	✓	-	-	-	-	-	2
SAT7084-8	SAT7084G-8	Hose adapter M6	Brass nickel-plated	✓	✓	✓	-	-	-	-	-	3
SAT7086-8	SAT7086G-8	Hose adapter M8x1	Brass nickel-plated	✓	✓	✓	-	-	-	-	-	4
SAT7087-8	SAT7087G-8	Hose adapter M10x1	Brass nickel-plated	✓	✓	✓	-	-	-	-	-	5
SAT1071	SAT1071G	Hose adapter G1/4"	Brass nickel-plated	✓	✓	✓	-	-	-	-	-	6
SAT1072	-	Hose adapter R3/8"	Brass nickel-plated	✓	✓	✓	-	-	-	-	-	7

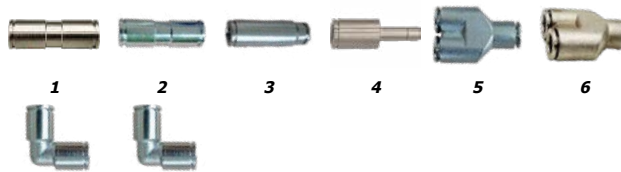
Figures


Art. no. straight	Art. no. angled	Hose adapters (for hose Ø 6 mm)	Material									Fig.no.
LAT7097	LAT7097G	Hose adapter M5	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	1
LAT7084	LAT7084G	Hose adapter M6	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	2
LAT7085	LAT7085G	Hose adapter M6 x 0.75	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	3
LAT7089	LAT7089G	Hose adapter M8	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	4
LAT7086	LAT7086G	Hose adapter M8 x 1	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	5
LAT7087	LAT7087G	Hose adapter M10 x 1	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	6
LAT7076	LAT7076G	Hose adapter G1/8"	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	7
LAT7079	LAT7079G	Hose adapter G1/4"	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	8


Figures


Art. no. straight	Art. no. angled	Hose connectors (hose to hose)	Material										Fig.no.
SAT1067	SAT1067G	Hose connector 8 mm to 8 mm	Brass nickel-plated	✓	✓	✓	✓	-	-	-	-	-	1
LAT7100	LAT7100G	Hose connector 6 mm to 6 mm	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	✓	2
LAT7101	-	Hose connector 6 mm to 8 mm	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	✓	3
LAT7105	-	Hose expansion connector 6 to 8 mm	Brass nickel-plated	-	-	✓	✓	✓	✓	✓	✓	✓	4
LAT1050-6	-	Hose connector 6 mm to 6 mm, Y shape	Brass nickel-plated	-	-	-	✓	✓	✓	✓	✓	✓	5
LAT1050-8	-	Hose connector 8 mm to 8 mm, Y shape	Brass nickel-plated	✓	✓	✓	✓	-	-	-	-	-	6

Figures



Hoses & filling









Art. no.	Hoses & filling	Material										Fig.no.
SAT2000	Hose Ø 8/6 mm, per meter	Polyurethane	✓	✓	-	✓	-	-	-	-	-	1
MAT2000	Sturdy polyamide hose Ø 8/6 mm, per meter	Polyamide	✓	✓	✓	-	✓	-	-	-	-	1
LAT8002	High pressure hose Ø 6/4 mm, per meter	Polyamide 12	-	-	-	✓	✓	✓	✓	✓	✓	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
GAT3017	Filling adapter for G-LUBE incl. 11 cm high pressure hose	Brass nickel-plated	✓	-	-	-	-	-	-	-	-	5
SAT3018	Filling adapter for Sololube	Brass nickel-plated	-	✓	-	-	-	-	-	-	-	6
SAT3005	Oil pump for filling with oil	Steel	✓	✓	-	-	-	-	-	-	-	7
SAT3010	Grease gun for filling with grease	Cast zinc, metal, plastic	✓	✓	-	-	-	-	-	-	-	8

Figures

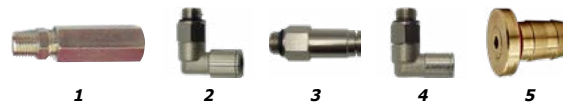


We fill all hoses with lubricant on request (according to scheme from page 26 or individually customized).

Check valves & oil throttles

Art. no.	Check valves & oil throttles	Hose Ø	Material									Fig.no.
SAT2021	Check valve G1/4" x G1/4"	8/6 mm	Brass nickel-plated	-	✓	-	-	-	-	-	-	1
LAT7123	Check valve M10x1 angled	8/6 mm	Brass nickel-plated	-	-	-	-	-	-	✓	✓	2
LAT7121	Check valve G1/8" straight	6/4 mm	Brass nickel-plated	-	-	-	-	-	-	✓	✓	3
LAT7122	Check valve M10x1 angled	6/4 mm	Brass nickel-plated	-	-	-	-	-	-	✓	✓	4
GAT5060	Oil throttle for G-LUBE	-	Brass	✓	-	-	-	-	-	-	-	5

Figures



Batteries & 24 V adapters

Art. no.	Batteries & 24 V adapters suitable for battery-operated models									Fig.no.
SOL-BAT	Sololube battery, 6.0 V, suitable for all Sololube models	-	✓	-	-	-	-	-	-	1
MAT-BAT-A	Al battery, 4.5 V for electromechanical Lubricajo	-	-	✓	-	-	-	-	-	2
MAT-BAT-L	Li battery, 4.5 V for electromechanical Lubricajo	-	-	✓	-	-	-	-	-	3
GL-BAT-A	Al battery, 4.5 V incl. case for G-LUBE EM B & G-LUBE EM B OIL	-	-	-	✓	✓	✓	-	-	4
GL-BAT-L	Li battery, 4.5 V incl. case for G-LUBE EM B & G-LUBE EM B OIL	-	-	-	✓	✓	✓	-	-	5
LAT-BAT-SA	Al battery, 4.5 V for LUB-S-B	-	-	-	-	-	-	✓	-	6
LAT-BAT-SL	Li battery, 4.5 V for LUB-S-B	-	-	-	-	-	-	✓	-	7
LAT-BAT-A	Al battery, 6.0 V for Lubricus B (generation II, from 2020)	-	-	-	-	-	-	-	✓	8
LAT-BAT-L	Li high performance battery, 3.0 V for Lubricus B (generation I, until 2019)	-	-	-	-	-	-	-	✓	9
LAT-BAT-4	Li high performance battery, 6.0 V for Lubricus B (generation II, from 2020)	-	-	-	-	-	-	-	✓	10
SOL-24-V-1	Sololube 24 V adapter for models: Xtra60, Xtra150	-	✓	-	-	-	-	-	-	11
SOL-24-V-2	Sololube 24 V adapter for model: Xtra250	-	✓	-	-	-	-	-	-	11

Figures



Connection cables

Connection cables are available in different lengths and designs. The connection cable with a four-pin M12x1 connector plug and LED angled plug socket is particularly practical, as it displays additional information about the device's operating state visually via the LEDs on the plug.

Perhaps you need a special length? **Contact us!**



Art. no.	Connection cables for wired models	Length								Fig.no.
MAT-WI-LX-V-2-0	Connection cable, M16, open end	2 m	-	-	✓*	-	-	-	-	1
MAT-WI-LX-V-10-0	Connection cable, M16, open end	10 m	-	-	✓*	-	-	-	-	1
MAT-WI-LX-V-2-0-G	Connection cable, M16 angled, open end	2 m	-	-	✓*	-	-	-	-	2
GAT-WI-0-3	Connection cable, M8x1, open end	3 m	-	-	-	✓	✓	-	-	3
GAT-WI-0-5	Connection cable, M8x1, open end	5 m	-	-	-	✓	✓	-	-	3
GAT-WI-0-10	Connection cable, M8x1, open end	10 m	-	-	-	✓	✓	-	-	3
LAT-WI-0-5	Connection cable, M12x1, open end	5 m	-	-	-	-	-	✓	✓	4
LAT-WI-0-10	Connection cable, M12x1, open end	10 m	-	-	-	-	-	✓	✓	4
LAT-WI-ST-LED-5	Connection cable, M12x1, open end, with LED angled socket	5 m	-	-	-	-	-	✓	✓	5
LAT-WI-ST-LED-10	Connection cable, M12x1, open end, with LED angled socket	10 m	-	-	-	-	-	✓	✓	5
LAT8080	Power supply/transformer 230 VAC / 24 VDC incl. connection cable (EU version)	3,20 m	-	-	-	-	-	✓	✓	6

Figures


















* suitable for **Lubricajo LUX-V**









Other accessories

Art. no.	Other accessories								Fig.no.
MAT9050	Time ring holder incl. time rings for Lubricajo B and V	-	-	✓	-	-	-	-	1
MAT9052	Set containing 6 stop washers and a locking ring for Lubricajo B, V, LUX-B and LUX-V	-	-	✓	-	-	-	-	2
GAT9050	Vibration sensor	-	-	-	-	✓	-	-	3

Figures

Protective covers

Art. no.	Protective covers									Fig.no.
MAT9080-240	Dust cover for all electromechanical Lubricajo models with 120/240 ml	-	-	✓	-	-	-	-	-	1
MAT9080-480	Dust cover for all electromechanical Lubricajo models with 480 ml	-	-	✓	-	-	-	-	-	1
GAT2019-125	Dust cover for all G-LUBE EM models with 60/120/125 ml	-	-	-	-	✓	✓	-	-	2
GAT2019-250	Dust cover for all G-LUBE EM models with 240/250 ml	-	-	-	-	✓	✓	-	-	2
GAT2019-500	Dust cover for all G-LUBE EM and G-LUBE EM OIL models with 480/500 ml	-	-	-	✓	✓	-	-	-	2
LAT9092	Protective cover for LUB-S	-	-	-	-	-	-	✓	-	3
LAT9091	Protective cover for Lubricus 400 ml	-	-	-	-	-	-	-	✓	4
LAT9090	Protective cover incl. holder for Lubricus 400 ml	-	-	-	-	-	-	-	✓	5

Figures



Brackets

Art. no.	Brackets	Material									Fig.no.
GAT2800	Universal mounting bracket	Stainless steel	✓	✓	✓	✓	✓	✓	✓	-	1
GAT2010	Holding clamp for G-LUBE	Plastic	✓	-	-	-	-	-	-	-	2
GAT2010M	Magnetic holding clamp for G-LUBE	Plastic, magnet	✓	-	-	-	-	-	-	-	3
GAT2008	Steel holding clamp for G-LUBE	Galvanized steel, rubber	✓	-	-	-	-	-	-	-	4
SAT1051	Support adapter for G-LUBE G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Steel	✓	-	-	-	-	-	-	-	5
SAT1052	Support adapter for G-LUBE G $\frac{1}{4}$ " x G $\frac{1}{4}$ "	Stainless steel	✓	-	-	-	-	-	-	-	6
SAT8020	Mounting bracket for Sololube	Stainless steel	-	✓	-	-	-	-	-	-	7
SAT7800	Universal mounting bracket	Stainless steel	✓	✓	✓	✓	✓	✓	✓	-	8
LAT8802	Mounting bracket for LUB-S	Stainless steel	-	-	-	-	-	-	✓	-	9
LAT8803	Mounting bracket for LUB-S	Stainless steel	-	-	-	-	-	-	✓	-	10
LAT8804	Mounting bracket for LUB-S + progressive distributor	Stainless steel	-	-	-	-	-	-	✓	-	11
LAT8801	Mounting bracket for Lubricus	Coated zinc	-	-	-	-	-	-	-	✓	12

Figures



Distributors

Splitters

Splitters portion the lubricant quantity evenly across the outlets and are suitable for oils and greases up to NLGI class 2. The amount of lubricant yielded by the lubrication system can be split into two, three or four parts and then transported to the lubrication point.



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

Figures





For all battery-operated models, a lithium battery is required when connecting a distributor.








* For operation with electromechanical Lubicajo models, a hose expansion connector (Art. No. LAT7105) is also required for each outlet of the progressive distributor.

Progressive distributors












The progressive distributors 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 lubrication system can be split equally. Progressive distributors can be used for oils and greases up to NLGI class 2.

All progressive distributors are also offered as part of a **LUB-S-V** set (see page 52).



Art. no.	Progressive distributors (PRV) for grease and oil	Material								Fig.no.	
LAT-PRV-2	2 outlets	LAT-PRV-3 3 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	1 2
LAT-PRV-4	4 outlets	LAT-PRV-5 5 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	3 4
LAT-PRV-6	6 outlets	LAT-PRV-7 7 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	5 6
LAT-PRV-8	8 outlets	LAT-PRV-9 9 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	7 8
LAT-PRV-10	10 outlets	LAT-PRV-11 11 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	9 10
LAT-PRV-12	12 outlets		Aluminium	-	-	✓*	✓	✓	✓	✓	11

Figures



For all battery-operated models, a lithium battery is required when connecting a distributor.

* For operation with electromechanical Lubicajo models, a hose expansion connector (Art. No. LAT7105) is also required for each outlet of the progressive distributor.

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.



Art. no.	Monitored progressive distributors (PRV-M) for grease and oil		Material										Fig.no.
	Art. no.	Outlets		Material	GL-EM-D-OIL	GL-EM-D	LUB-S-V	LUB-D	GL-EM-D-OIL	GL-EM-D	LUB-S-V	LUB-D	
LAT-PRV-2-M	LAT-PRV-3-M	2 outlets / 3 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	✓	✓	1 2
LAT-PRV-4-M	LAT-PRV-5-M	4 outlets / 5 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	✓	✓	3 4
LAT-PRV-6-M	LAT-PRV-7-M	6 outlets / 7 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	✓	✓	5 6
LAT-PRV-8-M	LAT-PRV-9-M	8 outlets / 9 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	✓	✓	7 8
LAT-PRV-10-M		10 outlets	Aluminium	-	-	✓*	✓	✓	✓	✓	✓	✓	9
Figures													
													

For all battery-operated models, a lithium battery is required when connecting a distributor.



* For operation with electromechanical Lubicajo models, a hose expansion connector (Art. No. LAT7105) is also required for each outlet of the progressive distributor.

PLC-controllable distributors

This extended distributor version is controlled via the PLC.

The individual outlets can be mechanically opened and closed independently of one another. Built-in check valves prevent the distributor from being affected by the lubrication points' varying counter pressures and ensure the PRV-PLC's excellent reliability.



Art. no.	PLC-controllable distributors for grease and oil for PLC-enabled lubrication systems		Material										Fig.no.
	Art. no.	Outlets		Material	LJ-EM-D	GL-EM-D-OIL	GL-EM-D	LUB-S-V	LUB-D	LJ-EM-D	GL-EM-D-OIL	GL-EM-D	
LAT-PRV-4-PLC		4 outlets	Zinc die casting	-	-	✓*	✓	✓	-	✓	✓	✓	1
LAT-PRV-8-PLC		8 outlets	Zinc die casting	-	-	✓*	✓	✓	-	✓	✓	✓	2
LAT-PRV-12-PLC		12 outlets	Zinc die casting	-	-	✓*	✓	✓	-	✓	✓	✓	3
Figures													
													

* For operation with electromechanical Lubicajo models, a hose expansion connector (Art. No. LAT7105) is also required for each outlet of the progressive distributor.



Lubrication gears & chain lubrication pinions

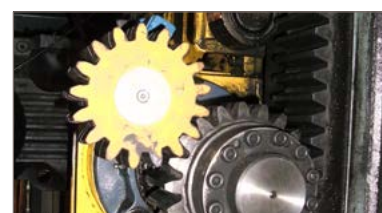
Lubrication gears & axles

Lubrication gears

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 open-cell Polyurethane foam 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.

Operating temperature: -30 to +150 °C / -22 to +302 °F

Lubrication gears can be combined with all Gruetzner lubricant dispensers.



Gear tooth system			Lubrication gears	Module	Width
straight	sloping right rising	sloping left rising			
Art. no.					
LAT-SZ-G-2	LAT-SZ-R-2	LAT-SZ-L-2	Lubrication gear module 2, incl. sleeve, without axis	02	20 mm
LAT-SZ-G-3	LAT-SZ-R-3	LAT-SZ-L-3	Lubrication gear module 3, incl. sleeve, without axis	03	30 mm
LAT-SZ-G-4	LAT-SZ-R-4	LAT-SZ-L-4	Lubrication gear module 4, incl. sleeve, without axis	04	40 mm
LAT-SZ-G-5	LAT-SZ-R-5	LAT-SZ-L-5	Lubrication gear module 5, incl. sleeve, without axis	05	50 mm
LAT-SZ-G-6	LAT-SZ-R-6	LAT-SZ-L-6	Lubrication gear module 6, incl. sleeve, without axis	06	60 mm
LAT-SZ-G-8	LAT-SZ-R-8	LAT-SZ-L-8	Lubrication gear module 8, incl. sleeve, without axis	08	80 mm
LAT-SZ-G-10	LAT-SZ-R-10	LAT-SZ-L-10	Lubrication gear module 10, incl. sleeve, without axis	10	100 mm

Figures



straight



sloping left rising



sloping right rising

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 43. Axles can be combined with all Gruetzner lubrication gears.



Straight axes				Angled axes			
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

Figures



Chain lubrication pinions

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.

Chain lubrication pinions can be combined with all Gruetzner lubricant dispensers and used with oil only. The open-cell polyurethane 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 and +80 °C / -22 and +176 °F. Special models suitable for larger temperature ranges are available on request.



Simplex		Duplex		Chain lubrication pinions with straight axle	Fixing of axle	Thread hollow axle
Art. no.	ISO no.	Art. no.	ISO no.			
LAT-KR-S-08	08 B-1	LAT-KR-D-08	08 B-2	Chain lubrication pinion with straight axle, ½" x 5/16"	M10	M6
LAT-KR-S-10	10 B-1	LAT-KR-D-10	10 B-2	Chain lubrication pinion with straight axle, 5/8" x 3/8"	M10	M6
LAT-KR-S-12	12 B-1	LAT-KR-D-12	12 B-2	Chain lubrication pinion with straight axle, ¾" x 7/16"	M10	M6
LAT-KR-S-16	16 B-1	LAT-KR-D-16	16 B-2	Chain lubrication pinion with straight axle, 1" x 17 mm	M10	M6
LAT-KR-S-20	20 B-1	LAT-KR-D-20	20 B-2	Chain lubrication pinion with straight axle, 1¼" x ¾"	M16	M10x1
LAT-KR-S-24	24 B-1	LAT-KR-D-24	24 B-2	Chain lubrication pinion with straight axle, 1½" x 1"	M16	M10x1
LAT-KR-S-32	32 B-1	LAT-KR-D-32	32 B-2	Chain lubrication pinion with straight axle, 2" x 1¼"	M16	M10x1

Figures



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

Figures



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 48).

Mounting chain lubrication pinions & lubrication gears

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**.



	Simplex		Duplex	
	Steel sheet 150 mm	Steel sheet 284 mm	Steel sheet 150 mm	Steel sheet 284 mm
Spring steel sheets with chain lubrication pinion				
Chain lubrication pinion 1/2" x 5/16"	LAT-KR-S-08-FG	LAT-KR-S-08-FFG	LAT-KR-D-08-FG	LAT-KR-D-08-FFG
Chain lubrication pinion 5/8" x 3/8"	LAT-KR-S-10-FG	LAT-KR-S-10-FFG	LAT-KR-D-10-FG	LAT-KR-D-10-FFG
Chain lubrication pinion 3/4" x 7/16"	LAT-KR-S-12-FG	LAT-KR-S-12-FFG	LAT-KR-D-12-FG	LAT-KR-D-12-FFG
Chain lubrication pinion 1" x 17 mm	LAT-KR-S-16-FG	LAT-KR-S-16-FFG	-	-
Chain lubrication pinion 1 1/4" x 3/4"	LAT-KR-S-20-FG	-	-	-


Figures



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 **straight axles** (deflection max. 50 mm, clamping force 350 N).




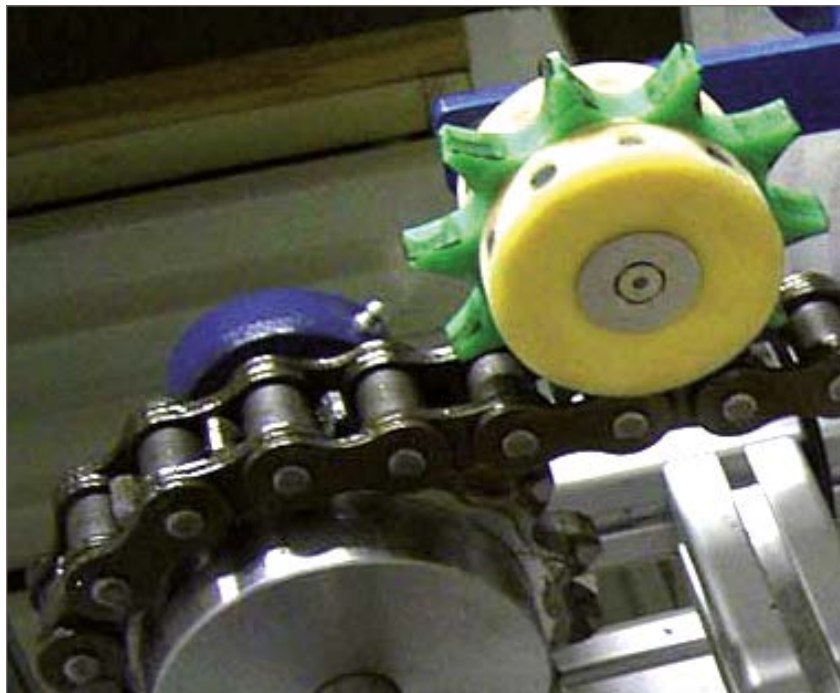
Art. no.	Tensioning elements	Material	Figures
LAT-SP-10	Tensioning element for axle M10	Steel	 <i>exemplary illustration</i>
LAT-SP-16	Tensioning element for axle M16	Steel	

Flexible brackets

A 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 brackets	Material	Figures
LAT-FL-WI-L-10	Bracket left for axle M10	Steel	 <i>exemplary illustration chain lubrication pinion and hose screw connection not included in the scope of delivery</i>
LAT-FL-WI-R-10	Bracket right for axle M10	Steel	
LAT-FL-WI-L-16	Bracket left for axle M16	Steel	
LAT-FL-WI-R-16	Bracket right for axle M16	Steel	



Brushes, applicators & rolls

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. Brushes can be combined with all Gruetzner lubricant dispensers and used with oil only.



Art. no.	Brushes	Length of bristles (mm)	Top feeding	Both-sided feeding	Material	Fig. no.
SAT2041	Round brush Ø 28 mm, thread R¼"	15	✓	-	Polyamide	1
SAT2034	Round brush Ø 28 mm, thread R¼"	45	✓	-	Polyamide	2
GAT2038	Square brush 25 mm width, thread G¼", 2 blind plugs included	20	✓	✓	Aluminium, polyamide	3
GAT2035	Square brush 40 mm width, thread G¼", 2 blind plugs included	20	✓	✓	Aluminium, polyamide	4
GAT2036	Square brush 70 mm width, thread G¼", 2 blind plugs included	20	✓	✓	Aluminium, polyamide	5
GAT2037	Square brush 100 mm width, thread G¼", 2 blind plugs included	20	✓	✓	Aluminium, polyamide	6
SAT2034-HT	High temperature round brush Ø 25 mm, thread G¼", up to 300 °C / 572 °F	45	✓	-	Brass, stainless steel	7
SAT2036-HT	High temperature square brush 57 mm width, thread G¼", up to 300 °C / 572 °F	28	✓	-	Brass, stainless steel	8

Figures

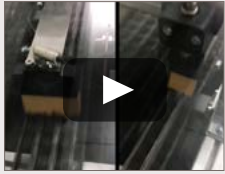


- Oil can be fed in from 3 sides
- Lubricator can be installed in any position
- Lubricator can be changed during operation



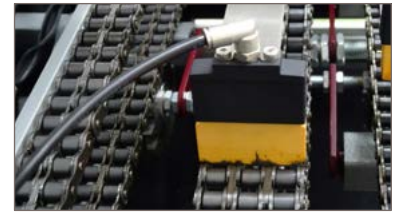
Oil applicators

Video: Chain lubrication



CLICK

Applicators apply oil evenly and purposefully to chains and are characterised by particular durability: The application surface consists of 100% wear-resistant polyurethane foam. The durability of the material not only allows it to be used with high-speed chains up to 5 m/s, which cannot be lubricated by brushes or pinions. Sensitive areas such as food production also benefit from the extremely low abrasion, as contamination of the environment can be almost ruled out.



The oil applicator is supplied completely pre-assembled, including spring plate and hose connector, and can be installed quickly and easily.

Applicators can be combined with all Gruetzner lubricators and used with oil only.

Art. no.	Oil applicators	Width	Material	Fig. no.
GAT-AP-30	Oil applicator with spring steel and hose connector (Ø 6 mm, integrated check valve)	30 mm	Polyamide, polyurethane foam	1
GAT-AP-45	Oil applicator with spring steel and hose connector (Ø 6 mm, integrated check valve)	45 mm	Polyamide, polyurethane foam	2
GAT-AP-60	Oil applicator with spring steel and hose connector (Ø 6 mm, integrated check valve)	60 mm	Polyamide, polyurethane foam	3
GAT-AP-85	Oil applicator with spring steel and hose connector (Ø 6 mm, integrated check valve)	85 mm	Polyamide, polyurethane foam	4

Figures



Oil applicator for lifts

To avoid dry friction, elevator guide rails must be lubricated continuously. Use of an oil applicator reduces maintenance and cleaning work, both in the cabin and shaft. The rail is simultaneously lubricated and cleaned. The device is installed either directly on the cabin roof or on the guide shoe.



Art. no.	Oil applicator for lifts	Width	Material	Fig. no.
GAT2042	Oil applicator for lifts, rail width 5-16 mm, thread G¼", incl. reducer SAT1021	58 mm	Polyamide, polyurethane foam	1

Figures



On page 53 you will find complete kits for mounting and commissioning the elevator applicator.

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!**
 Brushes can be combined with all Gruetzner lubricant dispensers and used with oil only.



Lubricating rolls (diameter x width)	Material	Thread	Straight axles		Angled axles	
			Without steel sheet	Steel sheet 150 mm	Steel sheet 284 mm	
			Art. no.	Art. no.	Art. no.	
Lubricating roll 30 mm x 45 mm	PU foam	M6	LAT-RO-30-45-A	LAT-RO-30-45-FG	-	
Lubricating roll 40 mm x 30 mm	PU foam	M6	LAT-RO-40-30-A	LAT-RO-40-30-FG	-	
Lubricating roll 50 mm x 60 mm	PU foam	M10x1	LAT-RO-50-60-A	LAT-RO-50-60-FG	-	
Lubricating roll 70 mm x 50 mm	PU foam	M10x1	LAT-RO-70-50-A	LAT-RO-70-50-FG	-	
Lubricating roll 100 mm x 100 mm	PU foam	M10x1	LAT-RO-100-100-A	-	-	
Lubricating roll for wheel flange 60 mm x 20 mm	Plastic	M10x1	-	-	LAT-RO-60-20-FFG-S	
Lubricating roll for wheel flange 90 mm x 20 mm	Plastic	M10x1	-	-	LAT-RO-90-20-FFG-S	

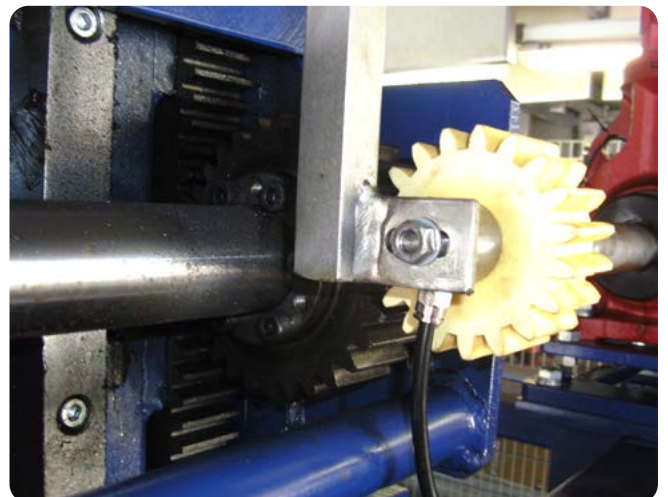
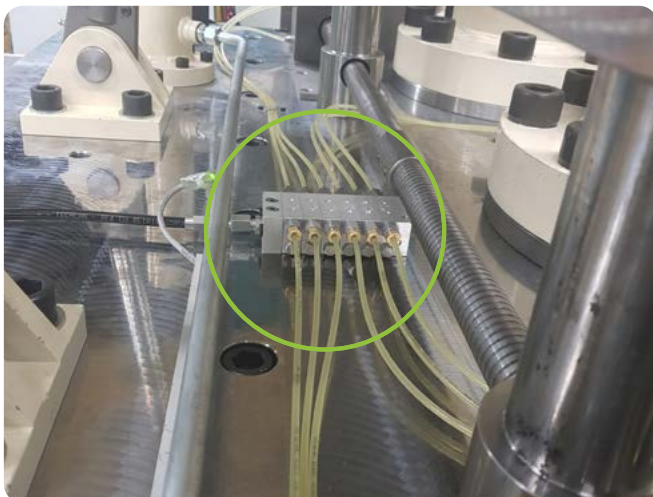
Figures



Condition on delivery: unassembled

Applications of accessories

Other branches



Gruetzner sets

Starter sets

Gruetzner starter sets are designed for first-time users. They include a selection of connection parts for installation on most machines and lubrication points. The sets are tailored to the respective lubrication systems; brackets, hoses and other accessories may also be included, depending on the model and installation type. A detailed overview can be found in the following tables.
















Please note that all starter sets are supplied without a lubrication system and without a battery/connection cable. Please order these separately, as needed.

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.



Please order lubricator separately




















Suitable for	Starter set: direct mounting	Consisting of	Figures	Order separately, if needed		
Art. no.: SET-DM-Main						
	G-LUBE	SAT1020 Reducer G $\frac{1}{4}$ " x G $\frac{1}{8}$ " SAT1022 Reducer G $\frac{1}{4}$ " x M6 SAT1024 Reducer G $\frac{1}{4}$ " x M8x1 SAT1026 Reducer G $\frac{1}{4}$ " x M10x1 SAT1041 Extension 50 mm SAT1001 Bent connection 45°				
	SOLOLUBE			Al battery: SOL-BAT		
	Lubricajo B				Lubricajo LUX-B	Al battery: MAT-BAT-A Li battery: MAT-BAT-L
	Lubricajo V				Lubricajo D	
	Lubricajo LUX-V					Connection cable: MAT-WI-LX-V-10-0
	G-LUBE EM B				G-LUBE VIB	Al battery: GL-BAT-A Li battery: GL-BAT-L
	G-LUBE EM V				G-LUBE EM D	
Art. no.: SET-DM-LUB-S						
	LUB-S-B	SAT1020 Reducer G $\frac{1}{4}$ " x G $\frac{1}{8}$ " SAT1022 Reducer G $\frac{1}{4}$ " x M6 SAT1024 Reducer G $\frac{1}{4}$ " x M8x1 SAT1026 Reducer G $\frac{1}{4}$ " x M10x1 LAT1099 Thread adapter M16x1.5 x G $\frac{1}{4}$ "		Al battery: LAT-BAT-SA Li battery: LAT-BAT-SL		
	LUB-S-V			Connection cable: LAT-WI-0-5		







 LUB-S-V
 indirect
 mounting

Indirect mounting

If direct installation is not possible for structural reasons, 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.

Please order lubricator separately

Suitable for	Starter set: indirect mounting	Consisting of	Figures	Order separately, if needed
Art. no.: SET-IM-GL				
	G-LUBE	GAT2010 Bracket for lubricator SAT2000 Hose Ø 8/6 mm, 1 m SAT1020 Reducer G ¹ / ₄ " x G ¹ / ₈ " SAT1022 Reducer G ¹ / ₄ " x M6 SAT1024 Reducer G ¹ / ₄ " x M8x1 SAT1026 Reducer G ¹ / ₄ " x M10x1 SAT1060 Hose adapter G ¹ / ₄ " SAT1071 Hose adapter G ¹ / ₄ "		
Art. no.: SET-IM-SOL				
	SOLOLUBE	SAT7800 Bracket for lubricator SAT2000 Hose Ø 8/6 mm, 1 m SAT1020 Reducer G ¹ / ₄ " x G ¹ / ₈ " SAT1022 Reducer G ¹ / ₄ " x M6 SAT1024 Reducer G ¹ / ₄ " x M8x1 SAT1026 Reducer G ¹ / ₄ " x M10x1 SAT1071 2x Hose adapter G ¹ / ₄ "		Al battery: SOL-BAT
Art. no.: SET-IM-LJ-EM-OIL				
		SAT7800 Bracket for lubricator MAT2000 Sturdy polyamide hose, Ø 8/6 mm, 3 m SAT1020 Reducer G ¹ / ₄ " x G ¹ / ₈ " SAT1022 Reducer G ¹ / ₄ " x M6 SAT1024 Reducer G ¹ / ₄ " x M8x1 SAT1026 Reducer G ¹ / ₄ " x M10x1 SAT1071 2x Hose adapter G ¹ / ₄ "		Al battery: MAT-BAT-A Li battery: MAT-BAT-L
				Connection cable: MAT-WI-LX-V-10-0
				
Art. no.: SET-IM-GL-EM-OIL				
		SAT7800 Bracket for lubricator LAT8002 Hose Ø 6/4 mm, 3 m LAT7079 Hose adapter G ¹ / ₄ " LAT7079G Hose adapter G ¹ / ₄ " angled SAT1046 Screwed connection 60 mm G ¹ / ₄ " GAT2035 Square brush 40 mm width		Al battery: GL-BAT-A Li battery: GL-BAT-L
				
Art. no.: SET-IM-GL-EM				
		SAT7800 Bracket for lubricator LAT8002 Hose Ø 6/4 mm, 3 m LAT7079 Hose adapter G ¹ / ₄ " LAT7084G Hose adapter M6 angled LAT7087G Hose adapter M10x1 angled LAT7076G Hose adapter G ¹ / ₈ " angled LAT7079G Hose adapter G ¹ / ₄ " angled		Al battery: GL-BAT-A Li battery: GL-BAT-L
				



Suitable for	Starter set: indirect mounting	Consisting of	Figures	Order separately, if needed
Art. no.: SET-IM-LUB-S				
	LUB-S-B	LAT8803 LAT8002 LAT7087 LAT7084G	Bracket for lubricator Hose Ø 6/4 mm, 3 m Hose adapter M10x1 Hose adapter M6 angled	Al battery: LAT-BAT-SA Li battery: LAT-BAT-SL
	LUB-S-V	LAT7087G LAT7076G LAT7079G	Hose adapter M10x1 angled Hose adapter G1/8" angled Hose adapter G1/4" angled	Connection cable: LAT-WI-0-5
Art. no.: SET-IM-LUB				
	Lubricus B	LAT8002 LAT7084G LAT7087G LAT7076G LAT7079G	Hose Ø 6/4 mm, 2 m Hose adapter M6 angled Hose adapter M10x1 angled Hose adapter G1/8" angled Hose adapter G1/4" angled	Li battery: LAT-BAT-4
	Lubricus V			
	ATTENTION: Order 1 set per outlet!			



Progressive distributor sets



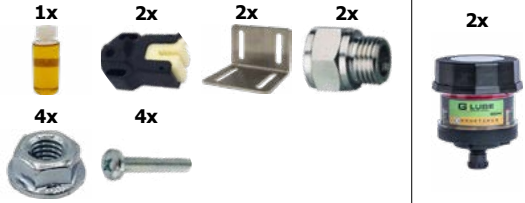
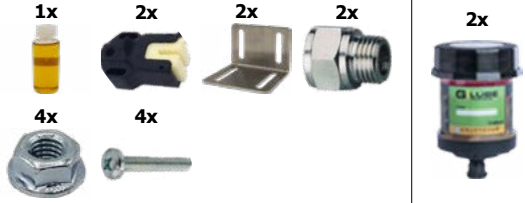
To enable multipoint lubrication, progressive distributor sets suiting **LUB-S-V** are available. Those sets consist of a **LUB-S-V** drive unit, a progressive distributor (which can be chosen from 2 to 12 outlets on page 40), a special mounting bracket, a small piece of high-pressure hose and a hose connector. The sets are assembled completely and all components are pre-filled with lubricant. Please order the lubricant cartridge separately.

Please order cartridge separately

Suitable for	Progressive distributor sets	Consisting of	Order separately, if needed
Art. no.: SET-PRV-LUB-S			
	LUB-S-V	LUB-S-V LAT8804 LAT8002 LAT7087 PRV	Drive Bracket for lubricator Hose Ø 6/4 mm, 5 cm Hose adapter M10x1 Progressive distributor
Figures			
			
			Connection cable: LAT-WI-0-5

Lubrication sets for elevator rails

To avoid dry friction, elevator guide rails must be lubricated continuously. The lubrication set for elevator rails is a complete solution for mounting and commissioning oil applicators for elevator rails. In addition to the mount, it also includes a storage bottle to hold 50 ml of universal oil and, optionally, a lubricant dispenser.

Lubrication sets for elevator rails	Consisting of	Figures	Incl. lubricator
	Art. no.: SET-APP		
	KA-005 Storage bottle with 50 ml of universal oil (no. 14) GAT2042 2x Oil applicator for lifts GAT2880 2x Mounting bracket SAT1021 2x Reducer G $\frac{1}{4}$ " x G $\frac{1}{4}$ " GAT4040 4x Hexagonal nut M6x16 GAT4041 4x Screw M6x40 mm		-
	Art. no.: SET-APP-GL60		
	GL14-60 2x Lubricator G-LUBE 60 ml KA-005 Storage bottle with 50 ml of universal oil (no. 14) GAT2042 2x Oil applicator for lifts GAT2880 2x Mounting bracket SAT1021 2x Reducer G $\frac{1}{4}$ " x G $\frac{1}{4}$ " GAT4040 4x Hexagonal nut M6x16 GAT4041 4x Screw M6x40 mm		2x
Art. no.: SET-APP-GL120			
GL14-120 2x Lubricator G-LUBE 120 ml KA-005 Storage bottle with 50 ml of universal oil (no. 14) GAT2042 2x Oil applicator for lifts GAT2880 2x Mounting bracket SAT1021 2x Reducer G $\frac{1}{4}$ " x G $\frac{1}{4}$ " GAT4040 4x Hexagonal nut M6x16 GAT4041 4x Screw M6x40 mm		2x	

Model scheme

Model	Distribution period	Lubricant volume	Operating pressure max.	Working voltage	Self-fillable	Refillable (cartridge replacement if necessary)	Multipoint lubrication possible		Operation with grease	Operation with oil	Other	Page	
Electrochemical single point lubrication													
	G-LUBE	1, 3, 6, 9, 12 months	60 ml 120 ml 240 ml	5 bar 73 psi	3.0 V battery	✓	✗	✗	✗	✓	✓		4
Electromechanical single point lubrication													
	Sololube	1-12 months	60 ml 150 ml 250 ml	7,5 bar 108 psi	6.0 V battery or 24 VDC	✓	✓	✗	✗	✓	✓		6
	Lubricajo B	1 week - 16 months	120 ml 240 ml 480 ml	25 bar 363 psi	4,5 V battery	✗	✓	✓	✗	✓	✗		8
	Lubricajo V	1 week -16 months			24 VDC	✗	✓	✓	✓	✓	✗		8
	Lubricajo D	synchronised lubrication			✗	✓	✓	✓	✓	✗		8	
	Lubricajo LUX-B	1 week -16 months			4,5 V battery	✗	✓	✓	✗	✓	✗		8
	Lubricajo LUX-V	synchronised lubrication			24 VDC	✗	✓	✓	✓	✓	✗		8
	G-LUBE EM B	1-12 months			60 ml 125 ml 250 ml 500 ml	60 bar 870 psi	4,5 V battery	✗	✓	✓	✗	✓	✗
	G-LUBE EM B OIL	0,5, 1, 2, 4, 6, 12, 18, 24 months	500 ml	10 bar 145 psi	✓	✓		✓	✗	✗	✓		14
	G-LUBE EM V	1-12 months	60 ml 120 ml 240 ml 480 ml	60 bar 870 psi	9-36 VDC	✗	✓	✓	✓	✓	✗	<ul style="list-style-type: none"> performance monitoring via PLC 	12
	G-LUBE EM V OIL		480 ml	10 bar 145 psi		✓	✓	✓	✓	✗	✓		

Model	Distribution period	Lubricant volume	Operating pressure max.	Working voltage	Self-fillable	Refillable (cartridge replacement if necessary)	Multipoint lubrication possible		Operation with grease	Operation with oil	Other	Page
 G-LUBE EM D	synchronised lubrication	60 ml 120 ml 240 ml 480 ml	60 bar 870 psi	9-36 VDC	✗	✓	✓	✓	✓	✗	• control via PLC possible	12
 G-LUBE EM D OIL		480 ml	10 bar 145 psi		✓	✓	✓	✓	✗	✓		
 G-LUBE VIB	1-12 months	60 ml 125 ml 250 ml	60 bar 870 psi	4.5 V battery	✗	✓	✓	✓	✓	✗	• vibration sensor	18
 LUB-S-B	1-24 months	125 ml	35 bar 435 psi	4.5 V battery	✗	✓	✗	✗	✓	✓	• control via PLC possible	20
 LUB-S-V	1-24 months	125 ml 250 ml	50 bar 725 psi	24 VDC	✗	✓	✓	✓	✓	✓		
Electromechanical multipoint lubrication												
 Lubricus B	1-36 months or pause time	250 ml 400 ml	70 bar 1015 psi	6.0 V battery	✗	✓	✓	✗	✓	✓	• 1-2 outlets	22
 Lubricus B-EB		400 ml		6.0 V external battery	✗	✓	✓	✗	✓	✓	• 1-2 outlets • externes Batterie-fach	22
 Lubricus B-EB OIL				✓	✓	✓	✗	✗	✓			
 Lubricus V	1-36 months or pause time	250 ml 400 ml	70 bar 1015 psi	24 VDC	✗	✓	✓	✓	✓	✓	• 1-2 outlets • control via PLC possible	22
 Lubricus V OIL		400 ml		✓	✓	✓	✓	✗	✓			
 Lubricus D	pause time (control via PLC)	250 ml 400 ml	70 bar 1015 psi	24 VDC	✗	✓	✓	✓	✓	✓	• 1-4 outlets • external control / PLC	22
 Lubricus D OIL		400 ml		✓	✓	✓	✓	✗	✓			



GRUETZNER

MAINTENANCE EQUIPMENT

Maintenance & mounting



Our maintenance equipment...

...protects your bearings

- correctly installed bearings have a significantly longer operating life
- no mechanical damage to the bearing

...reduces your costs

- saves time
- fewer machine breakdowns
- decreased wear

...and with our filters you can optimise your preventive maintenance even further!

