LUBRICUS

The powerful and flexible lubrication system

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GRUETZNER
AUTOMATIC LUBRICATION

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.
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.

Lubrication of bearings • chains • open tooth systems • linear guides

Technical data

Drive
electromechanical

Operating pressure
max. 70 bar (1015 psi)

Distribution period
1 - 36 month, pause time, pulse mode

Lubricant volume
250 ml / 400 ml

Operating temperature
-15 °C to +70 °C
+5 °F to +158 °F

Operational voltage
Li-Battery or 24 VDC

Lubricating medium
oils and greases up to NLGI 2

Filling
standard filling/ special filling

Weight without lubricant
1027 - 1456 g (250 ml)
1041 - 1470 g (400 ml)

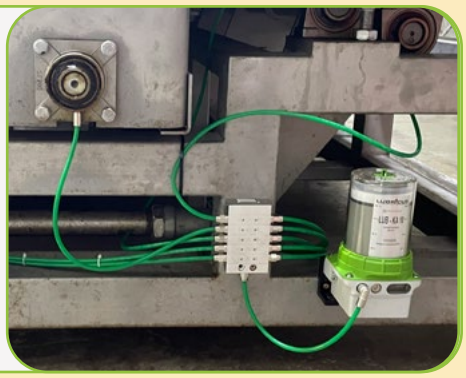
Weight with lubricant
~ 1305 - 1734 g (250 ml)
~ 1463 - 1892 g (400 ml)

Dimensions (W x H x D)
112 x 165 x 94 mm (250 ml)
112 x 196 x 94 mm (400 ml)

Performance monitoring
display and/or PLC

Outlet
hose 6/4 mm

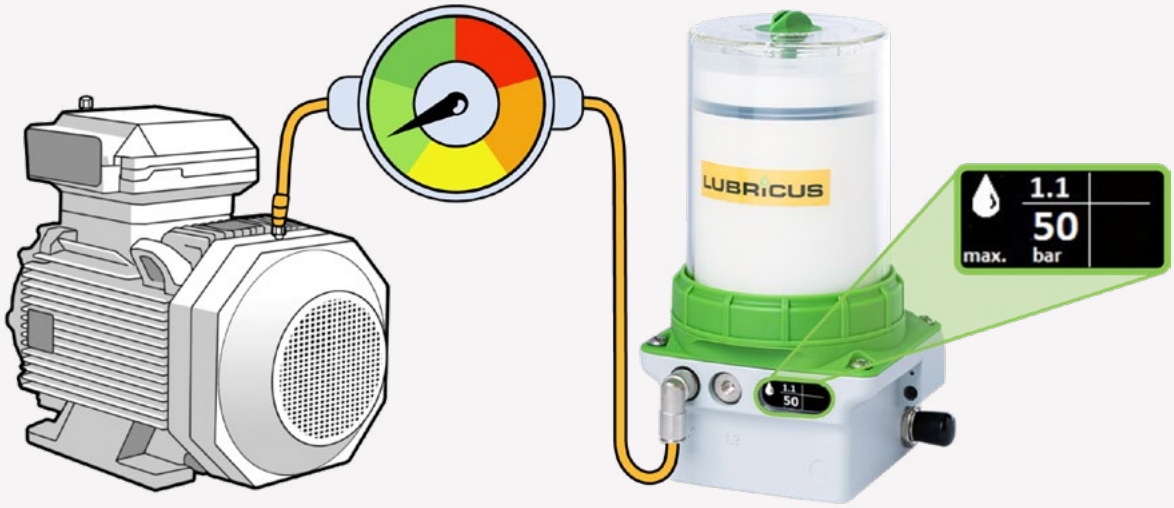
- ✔ **Running time in months, pause time, pulse mode**
- ✔ **Connection to machinery controls possible**
- ✔ **Fault/empty reporting**
- ✔ **Temperature-independent feed rate**
- ✔ **Special fillings available**



Lubricus 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.

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

QUICK CHECK
During operation Lubricus measures the back-pressure at the lubricating point. The result is output to the display in just a few seconds - simple and without any additional effort.



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 LEDs
- ✔ "quick check" (back-pressure readings)
- ✔ 1 to 36 months / pause time
- ✔ for grease and oil

Art.no. **LUB-B-1 • LUB-B-2**

BATTERY POWERED | LCD DISPLAY & LED | 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
- ✔ LCD display with LEDs
- ✔ external battery compartment
- ✔ export friendly
- ✔ for grease and oil

Art.no. **LUB-B-1-EB • LUB-B-2-EB**

LUBRICUS B-EB-OIL

Clean operation with oil

Lubricus B-EB-OIL is a version of Lubricus B-EB that has been specifically designed for use with oil.
It can be filled with oil cleanly and easily. There is no need to change the cartridge once empty – just refill it!

- ✔ all Lubricus B-EB features
- ✔ for oil only
- ✔ can be filled by the user

Art.no. **LUB-B-1-EB-OIL • LUB-B-2-EB-OIL**

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 (1015 psi) supply pressure
- ✔ OLED display
- ✔ "quick check" (back-pressure readings)
- ✔ error readouts possible
- ✔ 1 to 36 months / pause time / pulse control
- ✔ for grease and oil

Art.no. **LUB-V-1 • LUB-V-2**

LUBRICUS V-OIL

Clean operation with oil

Lubricus V-OIL is a version of Lubricus V that has been specifically designed for use with oil.
It can be filled with oil cleanly and easily. There is no need to change the cartridge once empty – just refill it!

- ✔ all Lubricus V features
- ✔ for oil only
- ✔ can be filled by the user

Art.no. **LUB-V-1-OIL • LUB-V-2-OIL**

LUBRICUS D

Pulse control

Lubricus D is particularly suited for units in which lubrication must be synchronised with the operating period of the machine, or where specific lubrication cycles at prescribed intervals are needed. The feed pump in Lubricus D provides lubricant to the outlets via PLC according to the activation of pump outputs. In this way a highly precise dose amount of lubricant can be obtained. The user has the highest possible degree of control over the frequency of lubrication and the size of the lubricant dose.

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

Art.no. **LUB-D-1 • LUB-D-2 • LUB-D-3 • LUB-D-4 • LUB-D-1-1**

LUBRICUS D-OIL

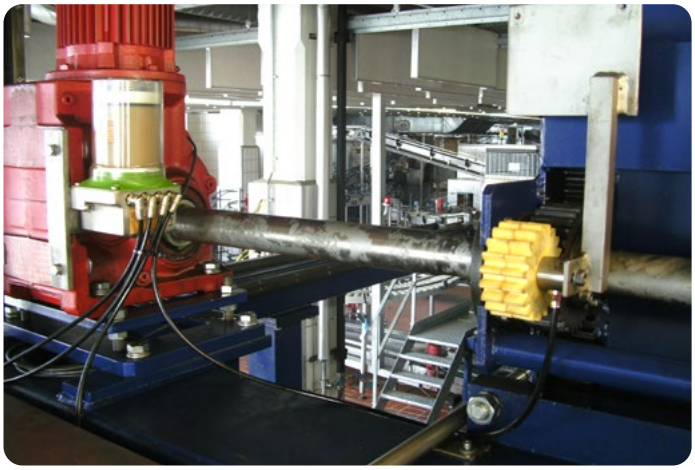
Clean operation with oil

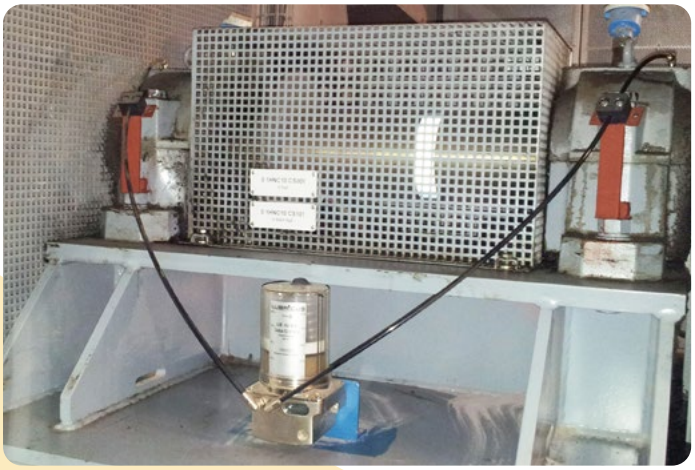
Lubricus D-OIL is a version of Lubricus D that has been specifically designed for use with oil.
It can be filled with oil cleanly and easily. There is no need to change the cartridge once empty – just refill it!

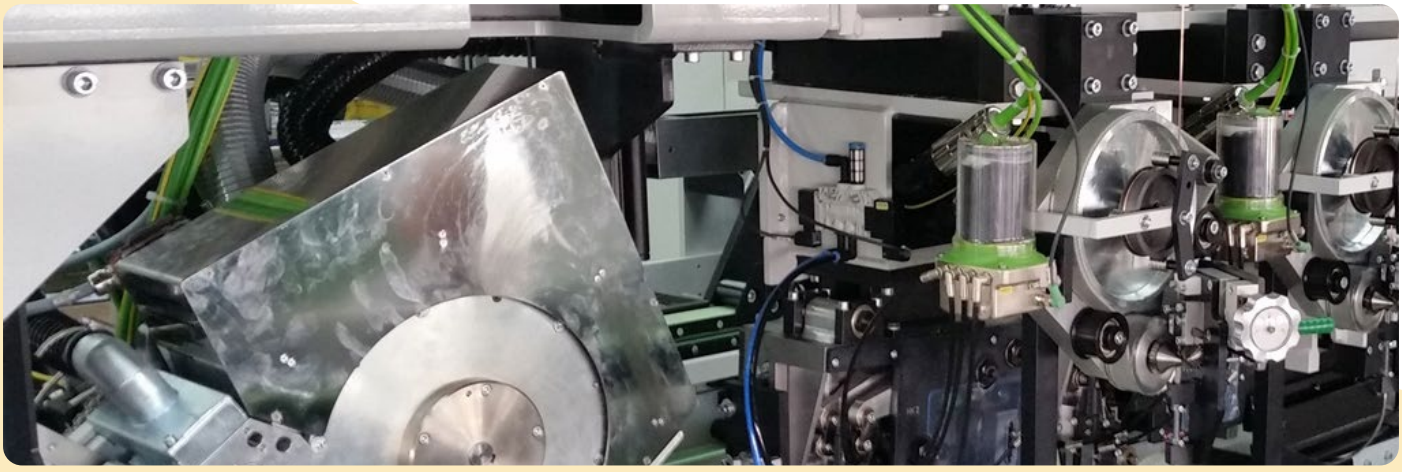
- ✔ all Lubricus D features
- ✔ for oil only
- ✔ can be filled by the user

Art.no. **LUB-D-1-OIL • LUB-D-2-OIL • LUB-D-3-OIL • LUB-D-4-OIL • LUB-D-1-1-OIL**

Areas of application



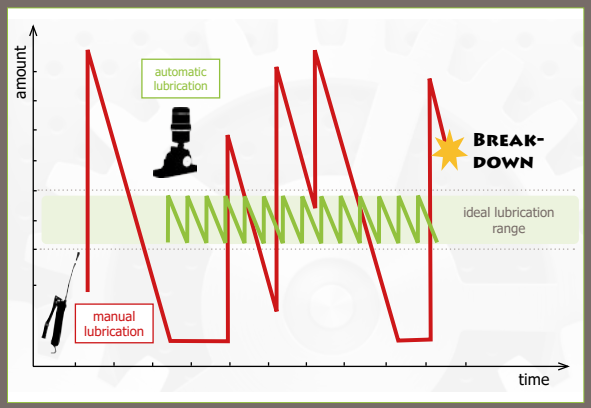




GRUETZNER
AUTOMATIC LUBRICATION

Modern lubrication

Why automatic lubrication?



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

Gruetzner GmbH • Dagobertstr. 15 • 90431 Nuremberg, Germany • tel. +49 911 277 399-0 • info@G-LUBE.com • **www.G-LUBE.com**