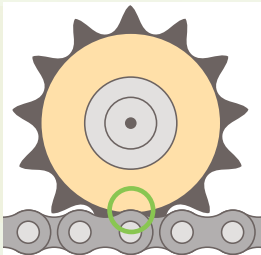
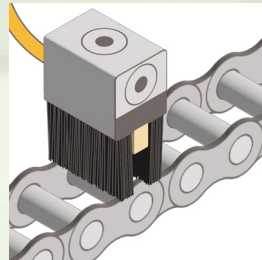


Automatic lubrication of Chains

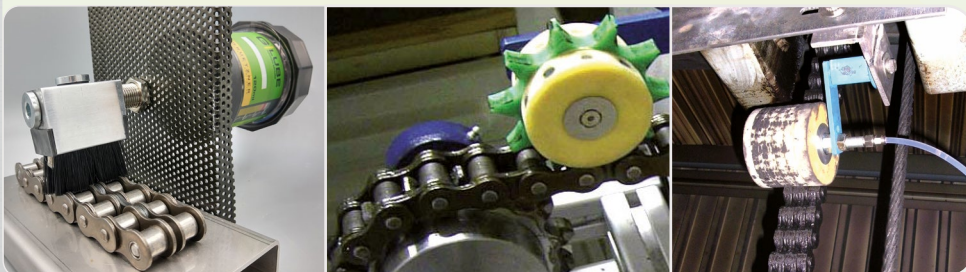
Lubricate chains properly

To ensure that the oil reaches exactly where the most friction occurs, we recommend using our brushes, applicators, lubricating rolls and chain lubrication pinions.

A simple and cost-effective solution is our proven flexible lubrication brushes and round brushes, which are available in 6 sizes. There is a felt between the bristles of the lubrication brushes which ensures that the oil is dispensed evenly. Oil can be supplied from three sides.



The rollers of the lubrication pinions and lubricating rolls made of open-cell PU foam transfer the lubricant punctually to the surface of the link plates and ensure efficient lubrication. The contact pressure can be optimised by mounting with spring plates.



Challenges

Inadequate or incorrect lubrication impairs the function and service life of the chain and thus trouble-free operation of the equipment. Especially in facilities with high hygiene requirements and regular cleaning measures, the oil layer is often washed off, which also promotes corrosion of the chain due to moisture. Manual lubrication requires a lot of time and money and can be dangerous during operation.

Advantages of automatic lubrication



Protection

- Permanent washing off of the oil layer is prevented
- lower machine wear even in rough environmental conditions



Costs

- lower energy costs
- time saving
- sustainable by multiple refills
- increasing production efficiency



Safety

- indirect installation possible
- central controlling and monitoring in a user-friendly environment



Our solutions for automatic lubrication



Specifications	G LUBE	LUBRICAJO EM	SOLO LUBE	G LUBE OIL	LUB-S	LUBRICUS
Lubrication points	Single	Single	Multiple	Multiple	Multiple	Multiple
Operating temperature	-20 °C to +55 °C	-20 °C to +60 °C	+5 °C to +60 °C	+5 °C to +60 °C	-15 °C to +60 °C	-15 °C to +70 °C
Working voltage	Battery	Battery/24V	Battery	Battery	Battery/24V	Battery/24V
Max. operating pressure	5 bar (73 psi)	7,5 bar (109 psi)	10 bar (145 psi)	60 bar (870 psi)	35/50 bar (508/725 psi)	70 bar (1015 psi)
Max. tube length*	Grease: 0,5 m Oil: 3 m	Grease: 1 m Oil: 3 m	Oil: 6 m	Grease: 6 m	Grease: 4 m Oil: 7 m	Grease: 6 m Oil: 10 m
Max. run-time	12 month	12 month	24 month	12 month	24 month	36 month
Lubricating intervals	1/3/6/9/12	1-12 (steppless)	0,5/1/2/4/6/12/18/24	1-12 (steppless)	1-24 (steppless)	1-36 (steppless)
Filling	By yourself or on customer request	On customer request	By yourself	On customer request	On customer request	On customer request
Reusable drive	X	✓	✓	✓	✓	✓
Self-refilling	X	X	✓	X	X	X
Control	Empty time	Empty time	Empty time	Empty time	Empty time, pause time, PLC	Empty time, pause time, PLC

* depends on lubricant and application

Scopes of application

✓ drive chains ✓ conveyor chains ✓ load chains ✓ lifting chains ✓ accumulator chains