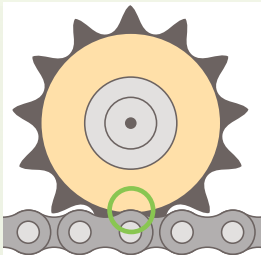
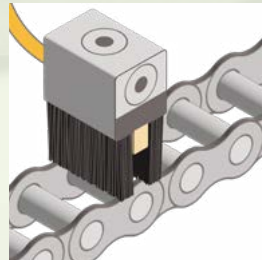


Automatic lubrication of Chains

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



	G LUBE	SOLO LUBE	G LUBE EM OIL	LUB-S	LUBRICUS
Multiple lubrication points	X	X	✓	✓	✓
Reusable drive	X	✓	✓	✓	✓
Working voltage	Battery	Battery / 24 VDC	Battery / 24 VDC	Battery / 24 VDC	Battery / 24 VDC
Max. operating pressure	5 bar 73 psi	7,5 bar 109 bar	10 bar 145 psi	35/50 bar 508/725 psi	70 bar 1015 psi
Max. tube length*	Oil: 3 m	Oil: 5 m	Oil: 6 m	Oil: 7 m	Oil: 10 m
Max. run-time	12 months	12 months	24 months	24 months	36 months
Lubricating intervals (months)	1/3/6/9/12	1-12 (stepless)	0,5/1/2/4/6/ 12/18/24	1-24 (stepless)	1-36 (stepless)
Operating temperature	-20 °C to +55 °C	-20 °C to +60 °C	+5 °C to +60 °C	-15 °C to +60 °C	-15 °C to +70 °C
Self-filling possible	✓	✓	✓	X	X
Self-refilling	X	X	✓	X	X
Control	Empty time	Empty time	Empty time, PLC	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