

Automatic lubrication of electric motors, pumps and fans

Why 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

Challenges

Rolling bearings used in electric motors, pumps or fans are at risk of various modes of failure if an incorrect maintenance strategy is implemented. Direct contact to contamination leads to high exposure on important machine parts. Besides, if access to lubrication points is burdensome or even dangerous, the risk of a costly machine breakdown increases.

Advantages of automatic lubrication



Protection

- automatic lubrication lowers the risk of contamination
- lower machine wear even in rough environmental conditions



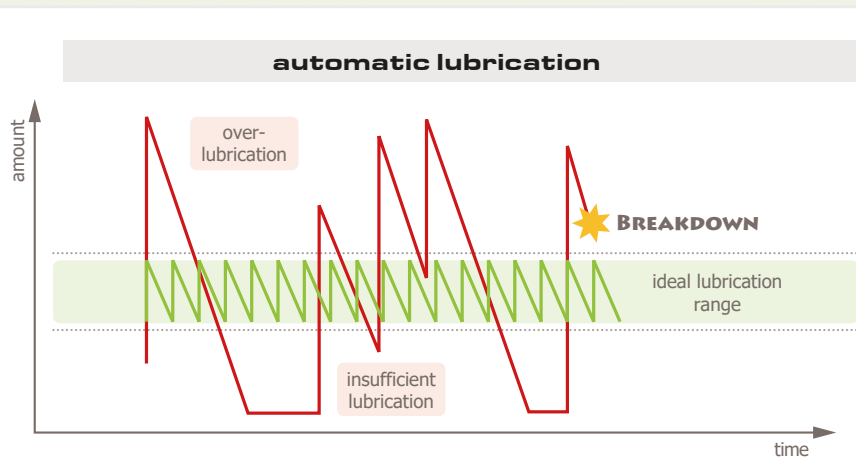
Costs

- 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 B	G LUBE EM V G LUBE EM D	G LUBE VIB	LUB-S	LUBRICUS
Multiple lubrication points	X	X	✓	✓	✓	✓	✓
Reusable drive	X	✓	✓	✓	✓	✓	✓
Working voltage	Battery	Battery / 24 VDC	Battery	9-36 VDC	Battery	Battery / 24 VDC	Battery / 24 VDC
Max. operating pressure	5 bar 73 psi	7,5 bar 109 bar	60 bar 870 psi	60 bar 870 psi	60 bar 870 psi	35/50 bar 508/725 psi	70 bar 1015 psi
Max. tube length*	Grease: 0,5 m	Grease: 1,5 m	Grease: 6 m	Grease: 6 m	Grease: 6 m	Grease: 4 m	Grease: 6 m
Max. run-time	12 months	12 months	12 months	12 months	12 months	24 months	36 months
Lubricating intervals (months)	1/3/6/9/12	1-12 (stepless)	1-12 (stepless)	1-12 (stepless)	1-12 (stepless)	1-24 (stepless)	1-36 (stepless)
Operating temperature	-20 °C to +55 °C	-20 °C to +60 °C	-5 °C to +60 °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	X	X	X
Self-refilling	X	X	X	X	X	X	X
Control	Empty time	Empty time	Empty time	Empty time, PLC	Empty time	Empty time, pause time, PLC	Empty time, pause time, PLC

* depends on lubricant and application

Scopes of application:

✓ Electric motors ✓ Pumps ✓ Fans