

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



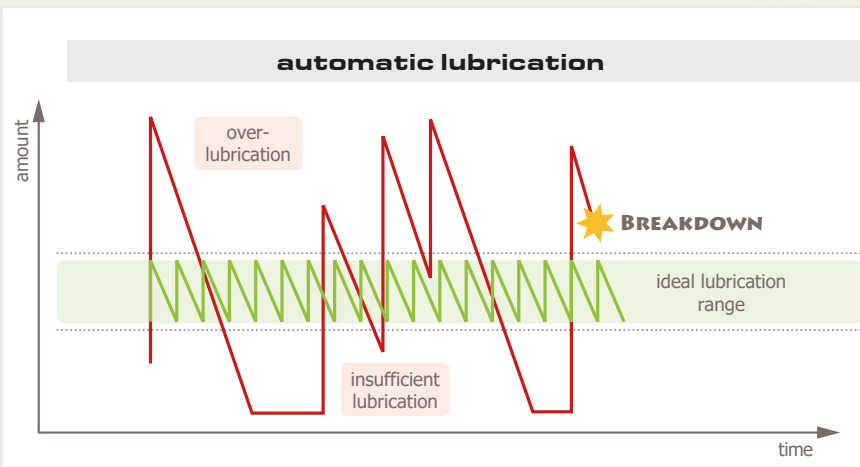
Costs

- 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



Specifications	G LUBE	SOLO LUBE	G LUBE OIL	G LUBE VIB	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: 1,5 m Oil: 5 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	By yourself or 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

- electric motors
- pumps
- fans