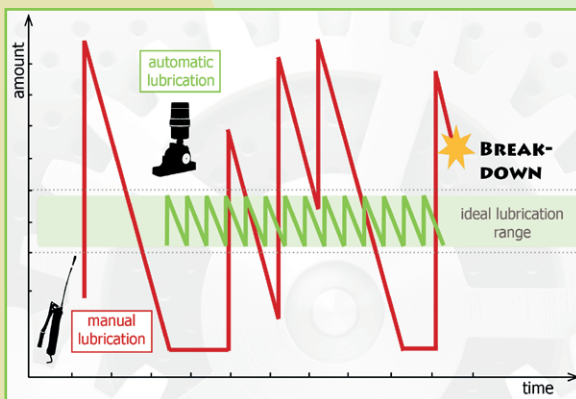




Automatic lubrication in F&B industry

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

Challenges



Hygiene



Costs



Production efficiency

Food and beverage manufacturers depend on an extremely hygienic working environment due to strict statutory provisions.

Machines often run 24/7 and a mostly humid climate leads to an increasing wear of guides, chains and bearings.

At the same time, operational costs should be kept as low as possible.

Scopes of application

- packaging machines
- palletizers
- conveyors
- filling stations
- fans



Solutions



Specifications	G LUBE	SOLO LUBE	LUB 5	LUB-S	LUBRICUS
Lubrication points	Single	Single	Single	Multiple	Multiple
Ambient temperature	-20 °C to +55 °C	-20 °C to +60 °C	-20 °C to +60 °C	-15 °C to +60 °C	-15 °C to +70 °C
Working voltage	Battery	Battery/24V	Battery	Battery/24V	Battery/24V
Max. operating pressure	5 bar (73 psi)	7.5 bar (109 psi)	10 bar (145 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	Grease: 2 m Oil: 5 m	Grease: 4 m Oil: 7 m	Grease: 6 m Oil: 10 m
Max. run-time	12 months	12 months	24 months	24 months	36 months
Lubricating intervals	1/3/6/9/12	1-12 (steppless)	1/3/6/12/24	1-24 (steppless)	1-36 (steppless)
Filling	By yourself or on customer request	By yourself or on customer request	By yourself or on customer request	On customer request	On customer request
Reusable drive	X	✓	✓	✓	✓
Self-refilling	X	X	✓	X	X
Time / pulse control	Time control	Time control	Time control	Time & pulse control	Time & pulse control

* depends on lubricant and application



Hygiene

- automatic lubrication lowers the risk of contamination
- filling with (own) food save greases and oils possible



Costs

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



Production efficiency

- less wear
- less machine downtime
- less maintenance effort
- precise control

