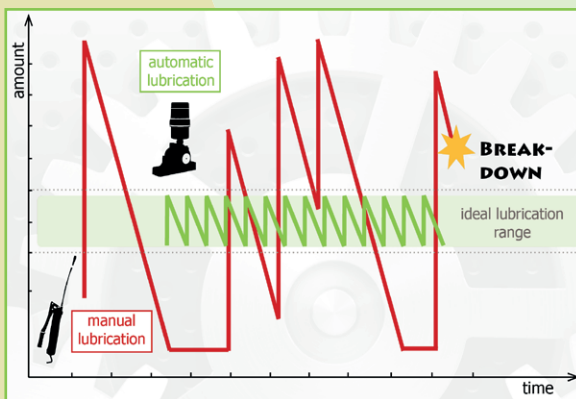




## Automatic lubrication in F&B industry

### 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
Operating 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
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

