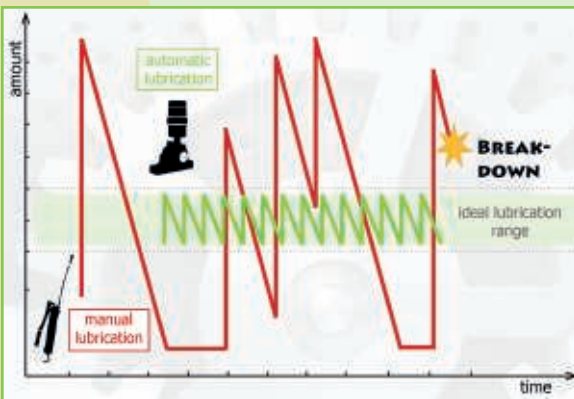




## Automatic lubrication in F&B industry

### Why automatic lubrication?



Lubricators replace costly manual lubrication.

- time saving
- increasing work safety
- lower lubricant consumption
- less machine downtime
- reducing energy costs
- reducing risk of contamination

### 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



### SOLOLUBE



### LUB5



### LUBRICUS

#### Specifications

- lubrication points
- ambient temperature
- working voltage
- max. operating pressure
- indirect installation
- max. run-time
- setting
- filling
- reusable drive
- self-refilling
- time / pulse control

- single
- 20 °C to +60 °C
- battery or 24 V
- 7.5 bar (109 psi)
- up to 2.5 m\*
- 12 months
- 1-12 (stepless)
- by yourself or on customer request
- ✓
- ✗
- time & pulse control

- single
- 20 °C to +60 °C
- battery
- 10 bar (145 psi)
- up to 4 m\*
- 24 months
- 1, 3, 6, 12, 24
- by yourself or on customer request
- ✓
- ✓
- time mode

- multiple
- 20 °C to +70 °C
- battery or 24 V
- 70 bar (1015 psi)
- up to 6 m\*
- 36 months
- 1-36 (stepless)
- by yourself (oil) or on customer request
- ✓
- ✗
- 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

