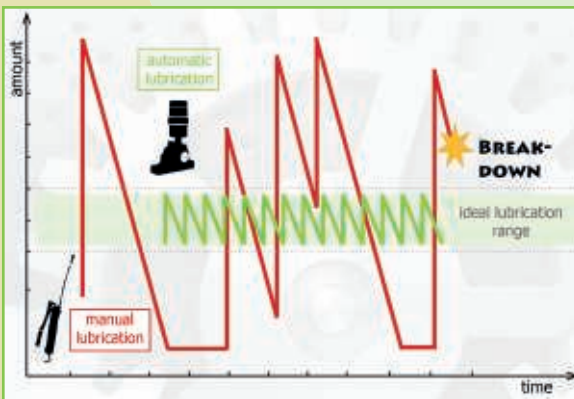




Automatic lubrication in mining industry

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



**Contami-
nation**



Costs



Safety

In the mining industry the access to many lubrication points is burdensome or dangerous. Manual lubrication is inconvenient due to spacious facilities and a large variety of different lubricants and applications.

Contamination and rockfall lead to high exposure on guides, chains and bearings.

Scopes of application

- excavators
- roll crushers
- conveyors
- pumps
- 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



Contamination

- automatic lubrication lowers the risk of contamination
- accessories prevent contamination and rockfall damage



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

