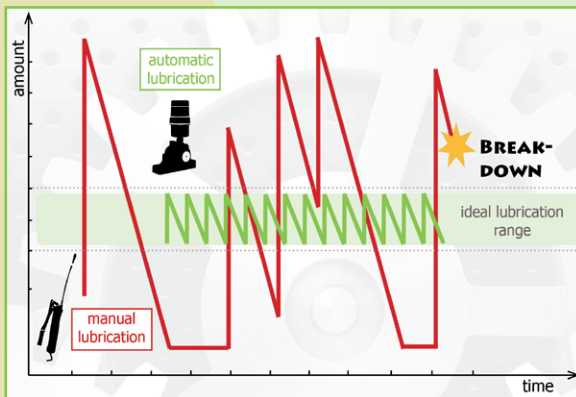




Automatic lubrication in waste water industry

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



**Contami-
nation**



Costs



Safety

In the waste water 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.

Contaminations as dirt, water, phosphate and other chemicals lead to high exposure on guides, chains and bearings.

Scopes of application

- sedimentation tank
- clarifier
- sand removal
- pumping station
- compressor



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



Contamination

- automatic lubrication lowers the risk of contamination
- lower machine wearing despite chemical loaded environment



Costs

- lower energy costs
- time saving
- sustainable by multiple refills



Safety

- indirect installation possible
- central controlling and monitoring in an user-friendly environment

