

# simalube – the automatic single-point lubricator

Technical information for the paper industry



**simalube**<sup>®</sup>  
smart lubrication

# The lubrication experts

## Reduce costs and extend the service life of machines with simalube

Machines and facilities in the paper industry must function perfectly under extreme conditions of use. High temperatures, contamination and increased relative humidity are often encountered in the treatment phase, which stress the parts of the systems and have a considerable adverse effect on the service life of the bearings and chains. The process steps for refining and processing also subject the machine parts to heavy levels of stress. In most cases the facilities run continuously, meaning that a failure will entail heavy production losses. Reliable lubrication is essential to resist these extreme operating conditions and to avoid unplanned shutdowns. The simalube single-point lubricator offers the perfect lubrication solution, because simalube delivers the right amount of lubricant at the right time and at the right place. Servicing costs are reduced, downtime of the production facilities is avoided, and the service life of the machines is extended.

## Increased safety at work thanks to simalube

The machines used in the paper production mostly have lubrication points that are hard to reach, often near rotating machine elements and with high ambient temperatures. Regular manual lubrication entails high risks for the service workers. If the lubrication point is connected to the simalube by a hose, lubrication points can be permanently supplied with lubricant from outside a hazard zone. As a result, this greatly reduces the amount of time that workers must spend in the hazard zones and safety at work is increased. The elimination of manual lubrication also results in considerable savings of time, since all lubrication points are now lubricated automatically over a time period of 1 to 12 months.

«simalube lubricates continuously, extends the service life of production facilities and reduces maintenance costs»

### Your benefits from automatic lubrication with simalube:

- Increased operational safety
- Less downtime
- Permanent supply of hard to reach lubrication points
- Less time spent on maintenance
- Reduction of wear and longer service life of the components

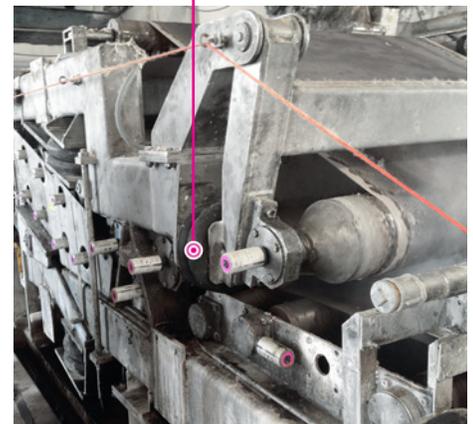
«Considerable savings of time and greater safety at work thanks to automatic lubrication»



In a paper factory the pedestal bearings of a shredder are lubricated with a 125 ml simalube unit.



The bearings of the transport belts in a corrugated cardboard factory are continuously lubricated with the simalube lubricator.



Multiple 125 ml simalube units lubricate the bearings of a paper-making machine, automatically and precisely.



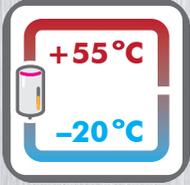
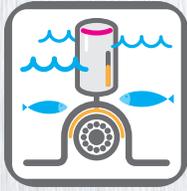
The bearings of the pump are lubricated with two IMPULSE and 250 ml simalube units.



Two 30 ml simalube units lubricate the bearings of a pump.



Lubrication of the bearings of a ventilation unit with 125 ml and 15 ml simalube units.



## Applications and advantages

### Areas of application for simalube in the paper industry:

- Vacuum units
- Pulpers, dryers
- Chain conveyors
- Roller transport systems
- Lengthways-/cross-cutters
- Conveyor belt systems
- Drums
- Pumps

### Your benefits from automatic lubrication with simalube:

- Proven lubrication system in the paper industry
- Reduction in servicing and maintenance: no more lubrication by hand, this results in enormous savings of time costs
- It is not necessary to switch the machines off while they are being serviced
- A longer working life for the systems thanks to continuous and precise lubrication
- Flexibility: The runtimes can be set over a continuously variable range of 1–12 months
- Only one type of lubricator is required per application. This makes it possible to reduce inventory costs
- Once installed, the lubrication points are reliably supplied with lubricant and cannot be forgotten
- Thanks to the transparent housing, the progress of the lubrication operation can be monitored at all times (quantity control)
- Available in five sizes: 15, 30, 60, 125 and 250 ml, plus multipoint (5x8 ml)
- Simple, ecologically-friendly disposal (100% recyclable)
- The hermetically sealed system prevents the penetration of dirt (IP68)



We would be glad to inform you about the use of simalube products in the paper industry.

Our highly-qualified specialists have an in-depth technical knowledge and will show you how automatic lubrication can reduce costs and extend the service life of your machines.

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