

simalube – the automatic single-point lubricator

Technical information on cablecars and mountain railways



simalube[®]
smart lubrication

The lubrication expert

Maintenance of cablecars and mountain railways places high demands on the operations managers

Oftentimes, maintenance operation takes place outdoors - on meter-high poles - which is a difficult task for the maintenance engineer. Extreme temperature fluctuations as well as frost, snow, dirt and moisture make it especially challenging for the machine to run smoothly. A continuous supply of the lubrication points is therefore indispensable, as without regular maintenance, the parts quickly wear or corrode. As a result, significant malfunctions may arise leading to costly repair and maintenance work. Thanks to the simalube lubricator, the service life of the systems is increased massively, thus preventing wear.

Minimize maintenance costs thanks to simalube

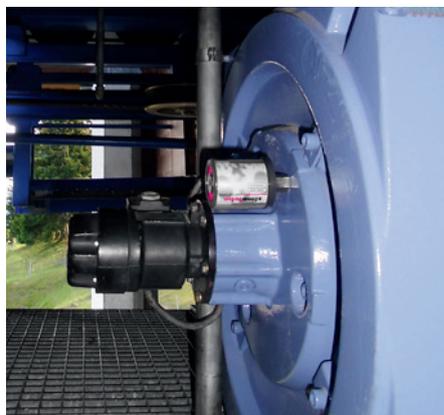
Thanks to continuous lubrication by simalube, maintenance on cablecars and mountain railways is reduced and maintenance costs are thereby considerably decreased. The lubricator always supplies the appropriate lubrication points with the optimum lubricant quantity at extreme temperatures, both in winter and in summer. Even difficult to access lubrication points can be supplied permanently. The elimination of manual lubrication also leads to enormous time-saving as all lubrication points are lubricated automatically over a period of 1 to 12 months.

«simalube continuously lubricates and extends the service life of machines»

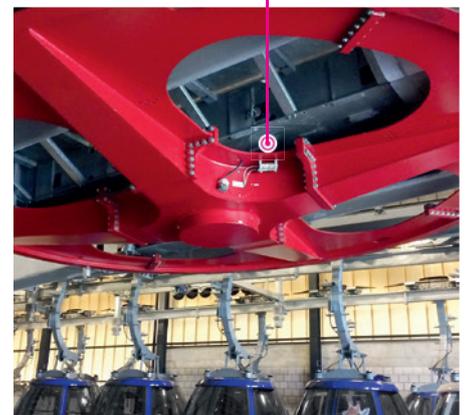
«Considerable time-savings for maintenance professionals thanks to automatic lubrication»



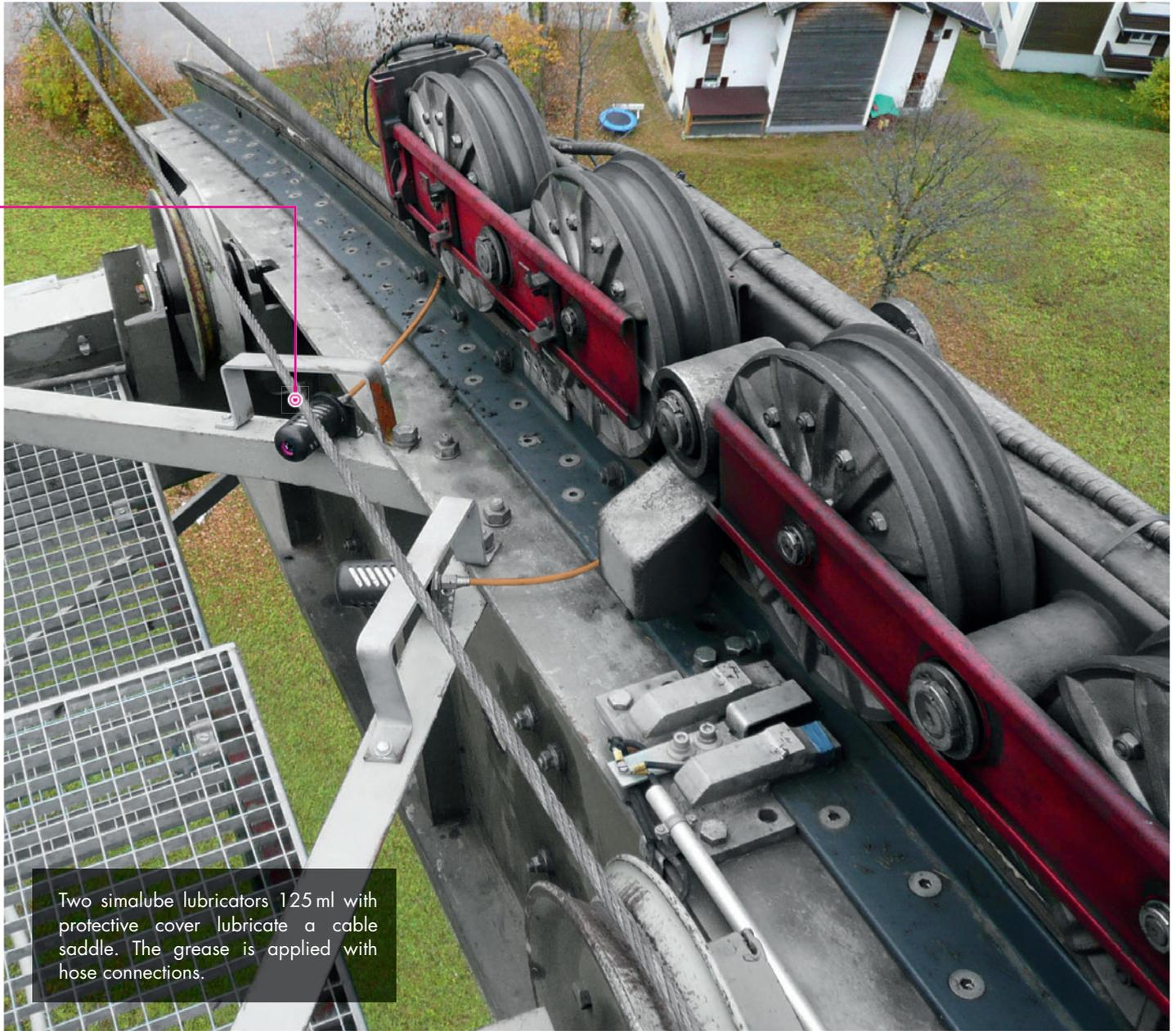
The simalube lubricator is installed directly on the cable saddle and provides constant lubrication.



The drive of a gondola lift on the mountain station is lubricated continuously with a 60 ml lubricator.



In the valley station, the deflection roller of a chairlift is lubricated with two simalube 250 ml lubricators.



Two simalube lubricators 125 ml with protective cover lubricate a cable saddle. The grease is applied with hose connections.



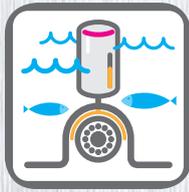
Several lubricators are installed on a cable saddle. Installation is simple thanks to the use of a magnetic clamp.



The guide rollers of a mountain railway are supplied with the necessary lubricant.



The cable of a cablecar is lubricated by a simalube lubricator. The lubricant is applied with a brush which also cleans the cable.



Applications and advantages

simalube applications on cablecars and mountain railways:

- Cable lubrication
- Lubrication on load cable rollers
- Lubrication of cabin doors
- Cable pulleys
- Gearboxes
- Suspension cable supports
- Fans and cooling systems
- Units and motors
- Connecting rods

Advantages of the simalube lubrication system:

- Continuous lubricant delivery guaranteed even at low temperatures
- Lubricants especially suitable for outdoor use
- Anti-vibration mounting support and protection cover against external effects
- Reliability: Once installed, the lubrication points are reliably lubricated and are never forgotten
- Reduction of service requirements and maintenance costs: Manual lubrication is no longer necessary meaning fewer disruptions and a huge saving of time
- Longer service life of machines thanks to continuous and precise lubrication
- Flexibility: The running time is adjustable from 1–12 months
- No need to shut down the machines during maintenance
- Available in five sizes: 15, 30, 60, 125 und 250ml, plus multipoint
- Thanks to the transparent housing, the progress of the lubrication process can be monitored at all times (fill level control)
- Installation is possible even in very narrow spaces
- Simple, environmentally-friendly disposal (100% recyclable)



We will gladly inform you about the application of simalube products on cablecars.

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.

simatec ag

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