

Save money and improve safety
with the Swiss lubricator

simalube

*With its unique technology, simatec ag from Wangen an der Aare in Switzerland is the most successful manufacturer of automatic lubricators. Driven by a gas producing dry cell, the **simalube** is unrivalled in its wide range of applications and high quality. That is why millions of grease and oil dispensers are being used successfully around the globe in all industries where there is turning or movement and where power is converted.*

Automatic lubrication - reduction in costs

Using **simalube** pays off in many ways. Manual lubrication is no longer required. As a result of the time saving alone, costs are considerably reduced and manpower resources are freed up for profitable tasks in the value chain. With manual lubrication, bearings are usually over- or under-lubricated, which causes them to overheat (or dry up), resulting in mechanical failure and unplanned downtime. The **simalube** lubricator ensures reliable and even application of lubricant, resulting in less damage to bearings and longer machine operating times. The **simalube** closed system prevents any penetration of dirt. This extends the service life of the lubricated components and ensures reliable operation of the equipment. And last but not least, no lubrication points are overlooked or forgotten.

Greater operational safety

Lubrication points are often located in places that are difficult and dangerous to access. **simalube** helps reduce the number of maintenance and inspection rounds required. The automatic dispenser makes it easier to comply with occupational safety standards, which in turn results in significantly fewer occupational accidents. **simalube** lubricators are tested according to the latest standards of product safety. They are approved for use in all areas with potentially explosive atmospheres, with gases, dusts and even in mining. Approval certificates can be requested from the manufacturer.

Versatile use

The dispenser can be used easily in all industry sectors. Water treatment plants, the automobile industry, chemical plants, foodstuffs manufacturers, underground mines and even hospitals and clinics trust in the Swiss lubricator. There is also a vast range of possible applications: conveyor belts, fans, motors, pumps, cooling and heating units, chains and guides are all reliably supplied with grease or oil by the Swiss lubricators. **simalube** works upside down and even under water. Its operating temperature range is from -20 °C to +55 °C.

How the unique technology works

simalube automatically lubricates for periods from one month up to a year. The required time period can be adjusted on the dispenser. It is driven by the globally patented gas producing dry cell. The gas generated by the cell builds up the excess pressure in the dispenser behind a piston, and this automatically and evenly pushes the lubricant into the lubrication point.

Versatility of installation

The grease and oil dispenser is screwed in directly at the lubrication point instead of the grease nipple. The practical parts in the simatec ag accessories range ensure that the **simalube** can easily be installed everywhere, in any position and 360 degrees around its own axis.

Environmentally friendly disposal

When the lubricator is empty, it can easily be refilled or disposed of in an environmentally friendly way. This is possible because the dispenser does not contain any toxic liquids such as acids etc., and all parts can be recycled. The gas producing dry cell is disposed of like an ordinary battery, and the empty dispenser case is disposed of in the same way as normal waste.

Wide range of lubricants

The **simalube** comes in four different sizes (30ml, 60ml, 125ml and 250ml), with over 10 tried and tested standard lubricants. This ensures far greater flexibility of use. simatec ag also provides empty dispensers for customers to fill with their own grease or oil. This is a major benefit for users who can thus use their own tried and tested lubricants. Accessories developed by simatec ag are used for many different and complex applications of **simalube** lubricators.

Company profile

simatec ag is an independent, globally active family business with its head office in Switzerland (Wangen an der Aare). Since 2005 it has been run by the second generation of the family, Mischa N. Wyssmann.

Since the company was founded in 1983, motivated staff have been developing and producing innovative products for the maintenance of bearings. Globally known brand names such as **simatherm**, **simatool** and **simalube** originate from simatec.

simatherm induction heaters allow fast heating of roller bearings and other circular metal parts. **simatool** tools facilitate the assembly and dismantling of roller bearings.

With the **simalube** lubricator, the Swiss company opened up another successful sector, and consistently ranks among the leading suppliers in the global industrial market. The development of the patented gas producing dry cell enabled the launch of the single-point automatic grease and oil lubricator, which allows clean, safe and maintenance-free long lasting lubrication of bearings. Thanks to this innovative technology, complex maintenance processes on thousands of machines worldwide can be greatly simplified and the maintenance costs considerably reduced.

Use of the gas producing dry cell allowed simatec to open up another field of business in the room scenting sector in 2009, under the brand name **aromino**. The **aromino** scenting system offers almost unlimited options for scenting rooms in a

variety of industries.

At the end of 2007, the subsidiary simatec inc. successfully started operations in Charlotte, NC, USA.

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