

MFP
AUTOMATION
ENGINEERING

CompAlube Lubrication System

Automatic lubrication for up to 19 points

*World class
equipment
deserves world
class lubrication*



SCAN ME

Automatic lubrication is more effective than manual lubrication because the vehicle is lubricated while it is moving. The grease is spread more evenly over the to be lubricated surface. In addition, the grease is applied in smaller doses at regular intervals, providing optimal greasing. This also results in a collar of grease on the outer edge of the slewing bearings, steering knuckles and bearings, keeping out dirt, dust and water. Automatic lubrication offers many advantages:

- Longer service life of slewing bearings, steering knuckles and bearings
- Lower repair and maintenance costs
- Improved vehicle uptime
- Higher productivity
- Higher residual value
- Up to 50% less grease consumption
- Increased safety and reduced risks of accidents while greasing difficult to reach lubrication points

With the CompAlube, Groeneveld offers an attractively priced automatic lubrication system suitable for multiple applications, such as fifth wheel couplings, terminal tractors, trailers and tail lifts. It is very easy to replace the unique cartridge. This guarantees that grease of the correct quality is utilized always.

GROENEVELD
LUBRICATION SOLUTIONS
BY TIMKEN

GROENEVELD LUBRICATION SOLUTIONS



Unique Lubrication System with Cartridge

The CompAlube is compact and yet offers sufficient grease capacity. Due to its compact size, there is always room to be found to install it on the vehicle. The 1.8-liter cartridge offers the right grease volume to meet lubrication needs and service intervals of modern vehicles with a lower grease demand.

Thanks to the unique cartridge concept, filling grease is a thing of the past. The cartridge can be quickly and easily replaced while on the road. And you can be certain that you are always using grease with the right specification.



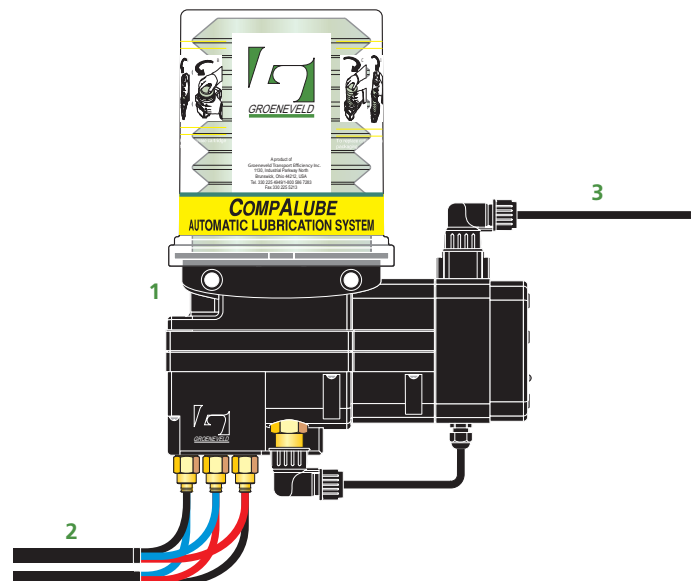
Unique characteristics

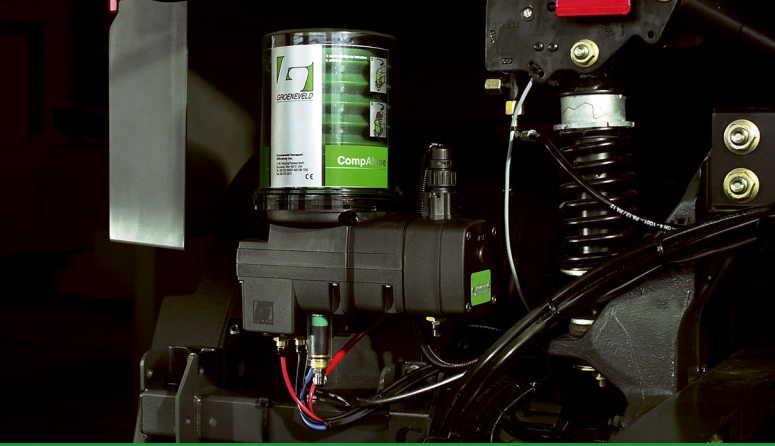
- Suitable for applications with a maximum of 19 lubrication points
- Automatic lubrication system for NLGI-0 grease
- Strong electric or pneumatic pump
- Grease delivery independently of grease viscosity and temperature
- Integrated easy-to-operate timer
- Fully closed system, insensitive to moisture, sand and dust
- Grease metering and lubrication interval can be programmed accurately
- Unique cartridge system for simple replacement of the grease cartridge

System overview

The CompAlube lubrication system consists of the following main components:

1. Pump unit with integrated;
 - electric or pneumatic grease pump
 - grease cartridge
 - control unit (electronic timer or brake counter)
 - metering units
 - grease pressure indicator
2. Grease lines to the lubrication points
3. Power cable





Major time saving

Automatic lubrication of for instance king pins, articulating systems and fifth wheels will save you many hours of manually greasing all the points on your equipment. Moreover, the equipment is lubricated while it is driving, a significant difference with manual lubrication. Together with the extended life span of crucial components, this will ensure that the CompAlube has a quick return on investment. On top of that, lubrication on the road by the driver is a thing of the past. Maintenance personnel do not have to crawl under and climb over the vehicle in order to lubricate hard to reach points. This makes the CompAlube automatic lubrication system a clever investment in vehicle availability, efficiency, productivity and safety.

Working principle

After activation of the pump, grease is pumped to the internal distribution block from the cartridge. Metering units are mounted on this distribution block and will send the exact amount of grease to the individual lubrication points, independent of counter-pressure, temperature or viscosity of the grease. Due to the wide range of metering units, it is possible to perfectly adjust the grease delivery for each lubrication point to the grease demand.



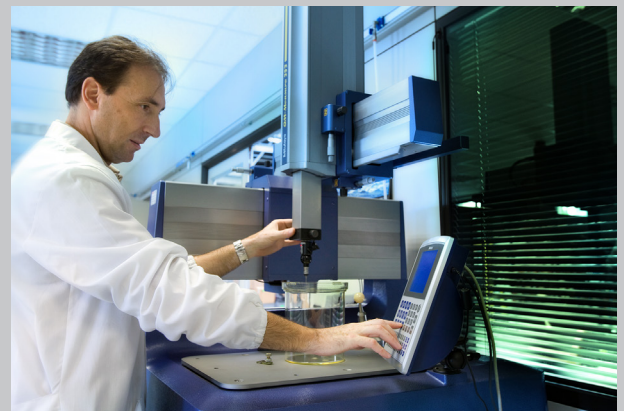
User-friendly cartridge concept

The CompAlube features a unique 1.8-liter cartridge, containing GreenLube EP-0 grease of the highest quality and the right specification for the most common applications. The cartridge is easy to replace without getting dirty. When using the Groeneveld Greenlube grease, Groeneveld will provide a three year warranty.



Expert Installations

Experienced, well-trained and expert technicians at Groeneveld or one of our partners install the CompAlube in a professional manner. A guarantee for years of trouble-free operation.



Groeneveld and Quality

Groeneveld has its own production and assembly facilities and development centers. Product and process quality are given high priority.



Groeneveld: A global player

Since its foundation in 1971 in Gorinchem, the Groeneveld company has developed into a global enterprise with approximately 600 employees. Groeneveld has around 30 branches, resulting in a worldwide coverage. In many countries, the company is also represented by independent distributors and dealers – all just as driven as our own organisation to offer added value to the customer's company.

Groeneveld is happy to assist you with the installation and service of your systems. Therefore it is good to know that Groeneveld has a global presence. Visit the Groeneveld website for contact details of the Groeneveld subsidiaries, distributors and service dealers.



**Service is only a
phone call away!**



SingleLine Parallel Lubrication System

This system is designed for equipment with many grease points needing simultaneous lubrication at the right time and with the correct amount of grease. Due to the regular lubrication with short intervals, vital parts are properly lubricated at all times, so that moisture and dirt are unable to enter these parts. SingleLine is a trusted system with over 500,000 systems in use across the globe.



Oilmaster Oil Management System

Groeneveld's oil management system ensures that the oil is always at an optimum level. Checking oil levels manually is a thing of the past. This does not only save time, but also ensures that there is never too little or too much oil in the engine, with all the costly and time-consuming consequences. The system is relied upon in numerous sectors throughout the world.



Greensight Safety Support System

Greensight is customizable as an obstacle detection system, as a camera system or as a combination of both. The use of ultrasound allows the system to detect obstacles in pre-set zones with high accuracy. The system can be expanded with additional sensors and a smart alarm. The camera system offers an optimal view under all conditions.