


Transport & logistics

Automatic maintenance and safety

For more than 45 years, Groeneveld is leading in the field of efficiency and safety increasing systems for the transport and logistics sector. Whether it comes to automatic lubrication systems, safety support systems or automatic oil management, Groeneveld offers a customised solution for any application in the field of transport and logistics.



Automatic lubrication
.....
Oil management
.....
Safety support systems



Automatically lubricates better

Manual lubrication of pivots, spring pins, loading cranes or fifth wheels, for example, is not only dirty and unpleasant work, it also takes time. Time during which the truck and trailer should be in operation to make money. Because in the end it is all about profitability. Moreover, during manual lubrication it is more difficult for the grease to reach the surfaces to be lubricated, resulting in extra wear. Automatic lubrication with a Groeneveld system is the solution and offers major benefits:

- Frequent automatic lubrication while the vehicle is in operation, will reduce wear and will save time and money
- This will result in a longer life span of the lubricated components, which means less costs and downtime due to repair and maintenance and. . .
- A higher residual value
- Up to 50% less grease consumption due to optimum dosing
- The grease will spread out better across the surface to be lubricated, due to the fact that lubrication takes place while the vehicle is in operation
- Because the grease is applied in small amounts and with a regular interval, a grease collar is created around the pivot point, as a result of which dirt and water are kept out, also during high-pressure cleaning

Summarised: less repair and maintenance costs, a lower grease consumption through optimum dosing and a higher uptime of the vehicles.



CompAlube

- 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



TriPlus

- Progressive lubrication system for NLGI-2 grease
- Three lubrication circuits that can be operated independently
- Follower plate for visual checking of the grease level and to prevent of ageing of the grease as a result of oxidation
- Grease metering regardless of the ambient temperature
- Optimum grease dosing per lubrication point
- Filling coupling with filter prevents contamination during refilling
- In-cab display for settings and system monitoring



SingleLine automatic lubrication

The combination of a strong and reliable pump, a wide range of unique metering units and a solid organisation that is able to recommend the correct SingleLine configuration for any application, makes the SingleLine a highly suitable system for inter alia trucks and heavy transport trailers. The system works with a relatively low pressure, preventing separation of the grease. The patented volumetric metering units ensure that the grease metering per lubrication point can be perfectly adjusted to the demand of the part to be lubricated.



Unique characteristics

- Optimum lubrication and sealing of all lubrication points
- Easy to install and to extend
- Thanks to the relatively low work pressure, the quality of the grease is preserved
- The unique metering units offer an exact and adjustable amount of grease per lubrication point
- Filler coupling with filter in order to prevent contamination of the grease during filling
- Optionally equipped with a level indicator in the grease reservoir with an active warning
- Quick couplings allow easy expansion of the system
- Also available in stainless steel



Follower plate

The follower plate will ensure that all the grease in the reservoir is used, that the grease level is visible and that ageing of the grease through oxidation is prevented, so that the quality of the grease is preserved



Metering units and distribution blocks

Groeneveld has a wide range of metering units available. These metering units can be mounted in any required combination on brass distribution blocks. The distribution blocks are available in versions with 1 up to 18 outputs.



Greensight Safety Support System

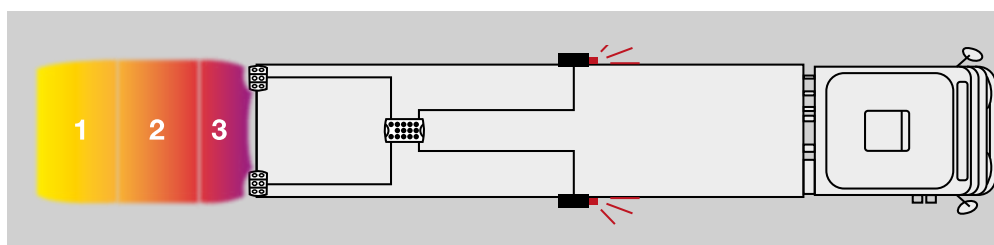
The highest priority for modern transport operators is safety. With large blind spots around trucks and trailers and the tight time schedules, guaranteeing safety is a continuous challenge. Groeneveld's Greensight obstacle detection and camera systems offer an excellent solution to increase safety. The main benefits at a glance:

- Ultrasonic acoustic warning system
- Improved safety around the truck or trailer
- Less chance of damage
- Increased uptime
- Fully integrated and modular system
- No information overload for the driver
- Fully adjustable to the application and the customer's wishes
- Can be enhanced with the smart alarm

Greensight is available as an ultrasonic acoustic obstacle detection system, as a camera system and as a combination of both.



The sensors offer the driver passive safety information about the free space in the surroundings of the trailer.



With Groeneveld's Multipro software, the detection zones can be adapted entirely according to the wishes of the customer and the working conditions, even once it has been put into operation.

Groeneveld: A global player

Since its foundation in 1971 in Gorinchem, the Groeneveld company has developed into a global concern 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!

Greenlube grease

High quality grease

For perfect lubrication and years of trouble free operation of every system, Groeneveld offers the right type of grease for every application. Groeneveld delivers several grease types.

The balanced formula gives a number of unique properties:

- Easy to pump, even at low temperatures
- Highly water-resistant
- Keeps its properties in the severest conditions
- Provides good protection against corrosion
- Does not contain heavy metals



Groeneveld and quality



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



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

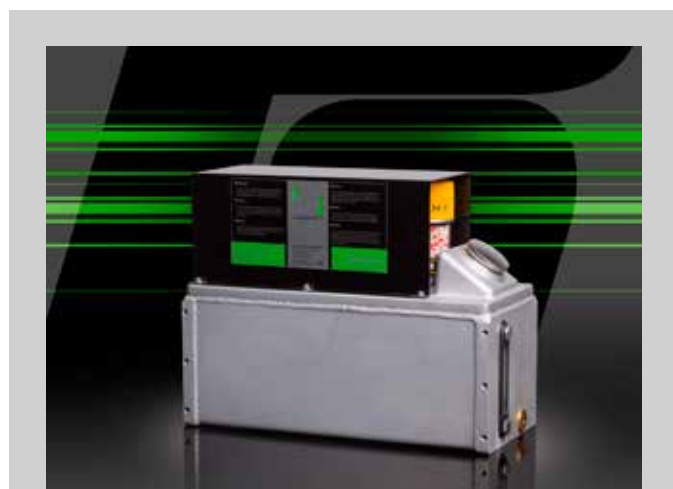


Oilmaster: Always the right oil level

With Oilmaster, periodically manual checking and topping up the oil level is definitely a thing of the past. The advanced oil management system monitors the oil level frequently, following a protocol and tops up automatically from the integrated reservoir. So, there will always be a sufficient amount of oil in the engine. Not too less, but certainly not too much. This saves oil, time and money. And it reduces the harm on the environment.

Arguments to choose for Oilmaster

- Manual oil level checks and filling oil are history - pure time saving
- Always the optimum oil level and the right oil specification
- No engine damage as a result of a too low oil level
- Less unscheduled downtime for repairs and maintenance
- Less risk of damaging the exhaust gas after treatment system
- Decreased oil consumption
- Avoiding increased fuel consumption as a result of overfilling
- Less oil needed at an oil change and less oil waste
- Lower costs
- Care for the environment



Oilmaster HD

For the most demanding applications and for larger engines, Groeneveld developed the Heavy Duty Oilmaster with a solid 15 liter aluminum tank. The ideal solution for automated oil management on heavy duty applications.



Tilt sensor

The optional tilt sensor ensures that the Oilmaster will only measure the oil level at the moment the engine is levelled. It measures also the oil level only after an adequate period for oil level stabilisation. This option makes the Oilmaster an even more reliable system.