



Groeneveld Durability from within!

With over 40 years of experience, Groeneveld is developing products that help reduce our customers carbon footprint. Our products and solutions will contribute to the optimum efficiency of our customers, improving fuel consumption and reducing the waste of lubricants, all of which help contribute to a healthier environment.

At Groeneveld we not only provide our customers with solutions for efficiency, but also set high standards for ourselves internally. Groeneveld aims to optimize all business processes such as energy-efficient applications, the use of fully recyclable materials, waste management, education and training of staff.

Groeneveld Group 9001 certified - Groeneveld Italy 14001

Your efficiency is our challenge!



Greensight Active Safety System

Greensight is a modular, active security system that can be composed of ultrasonic sensors, a full-color monitor, an incab display, a smart alarm and various cameras. Greensight helps you prevent damage and personal injury.

Greensight can be applied in many ways in trucks, busses, garbage trucks, trains, off-road materiel, wharf cranes, etc. Greensight is the ultimate solution in areas with a high risk of injury or damage.



CompAlube Compact Greasing System

CompAlube is especially designed to keep automatic greasing an efficient tool on modern or light vehicles with only a few greasing points.

CompAlube is Groenevelts answer in the growing demand for compact greasing for on-road, off-road and bus applications. Due to high quality, easy installation and quick refill possibilities, CompAlube offers a good return on investment.



Oilmaster Ölstandsmanagement

Oilmaster reduces the need for manually checking the oil level and topping up between surface intervals. This innovative product guarantees carefree oil management with reduced maintenance costs, oil consumption, time loss and environmental impact, and constant oil quality.

Oilmaster is used in internal combustion engines in the transport and off-road sectors and in stationary installations.



www.groeneveld-groep.com



*The right
SingleLine for
any application!*



SingleLine

Automatic greasing for daily efficiency

Greasing systems of Groeneveld have proven their value for many decades. This particularly applies to the single-line 0-grease systems with a pneumatic or electric pump. Groeneveld 0-grease systems are leading in the transport and the industrial sectors.

Automatic greasing perfectly fits in with the trend for longer service intervals and lower maintenance costs. Implementation of Groeneveld systems ensures the highest business security and the shortest cost-recovery period.

Adjustable lubricating cycle

Dependent on the availability of a constant electric current, a 0-grease system is provided with an electronic time switch or a brake counter. Besides, PLC's can be applied in larger industrial systems.



In systems with an electronic time switch, this determines the interval and the duration of the lubricating cycle. The time switches are available with intervals between 5 minutes and 50 hours and adjustable in steps of 5 to 300 minutes. All time switches have been provided with a readable memory and an alarm function in the form of a buzzer or a switch contact. Systems with brake counters are available in fully pneumatic and electropneumatic versions.

Grease tank with suction

The pump has by default suction with draw spring in the grease tank. The use of suction offers great advantages:

- it prevents oxidation of the grease
- it prevents mixing with condensed water
- it prevents funnelling - all of the grease is used
- the tank wall remains clean, allowing for visual checking.

System monitoring

Visual checking for proper functioning is possible thanks to the grease pressure indicator mounted at the pump. Systems with an electronic time switch or PLC can be provided with a minimum level switch. Filling the grease tank is possible with a manually or pneumatically operated filling pump.

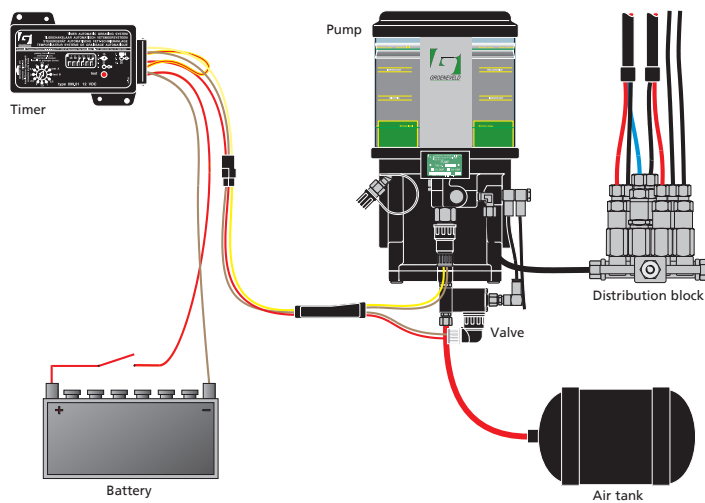
The advantages of automatic lubrication

Automatic lubrication provides numerous advantages also with modern vehicles and machines, which amply justify the investment:

- Less wear
- Lubrication during operation
- Less lubrication costs
- Comfort
- Reduced maintenance costs
- Higher operational safety
- Less environmental impact

- More than 25 years experience in the field.
- The filling system prevents dirt and moist from coming into contact with the grease.
- The plunger makes sure that all grease is used and that optically checking the grease tank remains possible.
- Easy to fit





Technical specifications

Pumps:	electric or pneumatic
Number of lubricating points:	dependent on the pump, large systems are possible
Control:	electronic control, electropneumatic or pneumatic
Tank volume:	2 to 200 kg
Output:	42 or 60 cc per stroke/25 to 350 cc per minute
Grease pressure:	57 to 100 bar
Ambient temperature:	-25 °C to + 80 °C (NLGI EP 0-grease)

GreenLube

The right lubricant increases the effect of automatic greasing. Optimum adaptation of the lubricating properties of the grease to the application is of great importance. Groeneveld makes this possible with GreenLube, a specifically developed series of 0-greases uniting the best properties of various grease types. GreenLube greases are available in drums of 18 to 200 kg.

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