

Automatic greasing system



*The right
TriPlus for
any application!*

TriPlus **automatisch vetsmeersysteem**

TriPlus is perfectly suitable for vehicles equipped with complex devices that, independent on each other, have varying lubricating needs.

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The TriPlus system consists of a pump with 1 to 3 outputs to which progressive distribution blocks have been coupled. The control unit separately controls every output. The interval time and the amount of grease to be supplied per cycle can be set for each output. The grease added to the progressive blocks will be spread over the lubricating points as determined by the composition of the blocks. The control unit determines for each output the moment of lubrication, the amount of grease to be supplied and it monitors the entire process.





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TriPlus

- For NLGI 2 and biologically degradable greases
- Available with 3, 4 or 8 litre tank
- Insensitive to contamination and moist because of its fully closed construction
- By default provided with suction and therefore:
 - no mixing of condensed water and grease
 - no ageing of grease
 - the grease supply is fully used
 - the grease supply is clearly visible
- Accurate and temperature-independent function between -20°C and 70°C
- Insensitive to oil/soap separation
- By default provided with electronic memory
- By default provided with LED signalling in cabin
- Integrated pressure release valve with signalling
- Modular system
- Easy to expand
- 3 independent grease outputs
- Constant dosage, independent on temperature and grease thickness
- Widely variable dosage
- Easy and quick mounting
- Diagnosis feature by means of diagnosis equipment (optional)
- Database

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Grease tank with suction

Every version has suction above the grease level in the grease tank. The suction follows the grease level: when the level drops, the suction drops along under the influence of a draw spring

- Control unit with electronic memory
- Pump element with forced stroke
- Filter
- Minimum level switch
- Suction (with draw spring)
- Stirring mechanism





List of the advantages of the suction

- Prevents oxidation of grease and mixing with water, because no air or condense water can reach the grease
- No funnelling when the grease level drops: all grease is used
- A clean tank wall that allows for checking the grease level at a glance

The TriPlus pump has a level switch. This gives a message when the grease level drops below a certain minimum level. Filling up the grease tank is done manually or with a pneumatic filling pump through a filling coupling with grease filter.

TECHNICAL DATA

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|-------------|---|-------------------------|------------|--------|
| Pump | Max. operating pressure: | 275 bar | Vet | NLGI 2 |
| | Temperature range: | -20 °C tot 70 °C | | |
| | Tank volume: | 3 l | | |
| | Supply voltage: | 12 of 24 Vdc | | |
| | Absorbed power of the electric motor: | 24 W | | |
| | Consumption of electrical energy in stand-by: | 10 mA | | |
| | Min. level tank sensor: | default | | |
| | Aantal vetuitgangen: | 1-2-3 | | |
| | Material: | reinforced plastic | | |
| | Insulation class: | IP 67 for lower housing | | |



Groeneveld

Durability from within!

With almost 40 years 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 security system

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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 systems

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



SingleLine The best in 0-grease

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Automatisch single-line grease system with a pneumatic or electric pump. Groeneveld supplies the single-line automatic greasing system in a special version for trucks, trailers, buses, forklifts and many other applications. This system greases all greasing points simultaneously, at the right moment and with the correct amount of grease. Because of the regular greasing, vital parts such as the king pin and the fifth wheel coupling will remain well-greased at all times, so moisture and sand are kept out. Wear of expensive parts is reduced to a minimum without you having to give it a single thought. The benefits are time gain, no extra service stops, reduced wear, reduced repair costs and greater reliability.

