



*The right
TriPlus for
any application!*

TriPlus

Automatic greasing system

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 reservoir
- Insensitive to contamination and moisture because of its fully closed construction
- By default provided with a follower plate 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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Reservoir with Follower Plate

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

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





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List of the advantages of the Follower Plate

- 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 reservoir 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 reservoir is done manually or with a pneumatic filling pump through a filling coupling with grease filter.

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TECHNICAL DATA

Pump	Max. operating pressure:	275 bar	Vet	NLGI 2
	Temperature range:	-20 °C tot 70 °C		
	Reservoir 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 reservoir sensor:	default		
	Aantal vetuitgangen:	1-2-3		
	Material:	reinforced plastic		
	Insulation class:	IP 67 for lower housing		



Groeneveld Durability from within!

With over 40 years of experience, Groeneveld is a market-oriented company that constantly anticipates supply and demand. One of these demands involves sustainability and the vision for the future with respect to less environmental impact. We can say with confidence that our products and solutions contribute to an optimum efficiency for our customers, such as reduced fuel consumption, minimum waste of lubricants, less damage and less standstill. All this contributes to a better environment. Groeneveld does not only offer efficiency, it also makes high demands on the internal organisation itself. For example, we aim at optimisation of all business processes, such as energy-saving applications, use of raw materials that can be completely recycled, control of waste flows, education and training of employees. The Groeneveld Group has been certified for 9001 – Groeneveld Italy has been certified for 14001.

Your efficiency is our challenge!



Greensight Active security 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 systems

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

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.

