



*The right
OnePlus for
every use!*

OnePlus

Compact category 2 grease lubricating system

OnePlus is an automatic greasing system with an electric pump, suitable for vehicles that have not been equipped with a compressed air device and that therefore require lubrication with category 2 grease. Application areas are, among others, transport vehicles, compact off-road machines and small industrial vehicles, such as fork-lift trucks, garbage trucks, and street-cleaning machines.

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OnePlus on a compact machine: a perfect match!

Thanks to its low cost price and uncompromising performance and reliability, OnePlus ensures a perfect match with the lubricating needs of smaller machines and vehicles.





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Compact, integrated concept

All important components of OnePlus, such as the electric plunger pump, the electronics and the grease reservoir, have been arranged in one compact housing. The pump unit has one output to which one or more distribution blocks can be connected, sufficient for all lubricating points of a machine or vehicle. OnePlus consists of the pump unit and separately delivered distribution blocks, pre-filled plastic lines, connecting nipples and mounting materials. Delivery of customer-specific assembled kits is possible.

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The working principle of OnePlus

The electronic timer of OnePlus has an adjustable interval time, allowing the operator to accurately determine when the plunger pump will start and the grease will be pressed into the distribution blocks. These distribution blocks are progressive, which means that they successively apply a certain amount of grease to the connected lubricating points. The grease distribution for each lubricating point also depends on the selected distribution through the distribution blocks. The total amount of grease for each cycle and the interval time can be adjusted using rotary switches. The pump will automatically switch off at the end of the cycle. Thanks to the clearly visible, integrated grease pressure indicator, one can see whether the system is functioning well at a glance. OnePlus is available with a grease reservoir of 2 to 3 kg. The reservoir can be refilled with a manually or pneumatically operated pump.

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Easy mounting and maintenance

The OnePlus installation manual makes fitting easy for your dealer, and Groeneveld specialists are always available to offer expert advice and assistance. As soon as the electrical power, the distribution blocks, and the grease points have been connected, the system is operational.

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Reservoir with follower plate

The OnePlus reservoir has suction with draw spring by default. The use of suction offers great advantages:

- 1) It prevents oxidation of the grease.
- 2) It prevents mixing with condensed water.
- 3) All grease is used.
- 4) The reservoir wall remains clean, allowing for easy visual level checking.

OnePlus: compact lubricating system

- 1 Suitable for NLGI 2 and bio-degradable greases
- 2 Electric pump 12 or 24 V
- 3 Progressive distribution blocks
- 4 Fully closed construction, insensitive to moisture, sand and dust
- 5 Accurate dosage of the grease
- 6 Suction system
- 7 Easy mounting and operation





Less wear

Grease reduces wear of moving parts and effectively combats moisture, dirt and corrosion.

Lubrication during operation

With automatic lubrication a small amount of grease is regularly injected while the machine is fully operational. This results in the best possible distribution of the grease over the bearing surface, a constant seal and considerable reduction of grease consumption.

Less lubricating costs

Lubrication during operation and accurate (temperature-independent) grease dosage will on average reduce the grease consumption by 50 percent. Additionally, the grease can be purchased in larger amounts (drums instead of cartridges) and is therefore cheaper.

Comfort

Greasing points are not always readily accessible. Automatic greasing forever releases the driver, operators and maintenance mechanics from the dirty job of manual greasing.

Economic life

Less wear results in a longer life and a higher residual value of the vehicle or machine. There is also no standstill and repairs due to insufficient or irregular greasing.

Less environmental impact

Lower grease consumption means fewer pollutants in the environment. The closed construction of the reservoir and follower plate make OnePlus particularly suitable for bio-degradable grease types.

Lubricants

The right lubricant increases the efficiency of automatic greasing. Groeneveld has developed the Greenlube NLGI EP-2 grease specially for use with automatic greasing systems. This grease unites the best properties of various grease types., Greenlube NLGI EP-2 does not contain nitrite, antimony or lead.

More information at - www.groeneveld-group.com

TECHNICAL SPECIFICATIONS

Pump	Max. operating pressure:	275 bar	Grease classes	NLGI EP-2 or
	Temperature range:	-20°C/-4°F to 70°C/158°F		bio-degradable grease
	Tank volume:	2 to 3 kg		
	Supply voltage:	12 or 24 VDC		
	Power of the electric motor:	36 W		
	Electrical energy absorption in stand-by:	40 mA		
	Number of grease outputs:	1		
	Material:	reinforced plastic		
	Insulation class:	IP 67 for lower housing		

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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 energysaving 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 safety system

Greensight is a modular, active safety system that can be composed of ultrasonic sensors, a full-colour monitor, an in-cab display, a smart alarm and various cameras. Greensight helps you prevent damage and personal injury. Greensight can be applied in many ways for trucks, buses, garbage trucks, trains, off-road equipment, dock cranes, etc. Greensight is the ultimate solution in areas with a high risk of injury or damage.



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.



Oilmaster

Oil-level management

Oilmaster replaces the manual checking and replenishment of oil between oil changes. This innovative product provides trouble-free oil management, reduced maintenance cost, oil consumption, time loss, environmental impact, as well as constant oil quality. Oilmaster is used in combustion engines in the transport and off-road sectors and in stationary installations.

