



*Pasaules
klases
aprīkojums ir
pelnījis
pasaules
klases
eļļošanu*

TriPlus - progres va e ošana Pielietojums pie lielas slodzes un sarežģītos gadījumos

Automātiskā eļļošana ir efektīvāka nekā manuālā eļļošana, jo iekārta, mašīnavai transportlīdzeklis tiek eļļots, kamēr tas darbojas. Līdz ar to, smērviela labāk izplatās pavirsmu, kas ir jāeļļo. Turklāt, smērviela tiek uzklāta nelielos daudzumos, ar regulāru intervālu. Ap eļļošanai paredzēto punktu tiek izveidots smērvielu apvalks, kā rezultātā netīrumi un ūdens tiek atgrūzti un darba virsmas ir labāk pasargātas. Tādējādi automātiskajai eļļošanai ir vairākas priekšrocības

- = [_g'g' X]]fga i ž [i 'h i ž'f'udi 'i b'vi _üi '_U'dc'ü'UbUg'`U]_g
- NYa _Ug'fYa cb'f'U'i b'i n'f ü'UbUg'`na U_gUg
- 3DOLHOLVDPDQVHNVSODQFLMDVODLNV
- 5i [gh _U'dfc'Xi _h'j]h'fY
- 5i [gh _U'Uh']i g'j' f'hVU
- @Xn') \$i 'a Un _g'ga' f'j]Y'i 'dUh' f] ü
- Ga' f' 'ch' [f' h'g'Ugb]YXn'Ua' g'Y' c'ü'UbUg'j]Y'f'g'ž'bUj' 'bY [UX ↑ a i]Ygd' ↑ '

Hf'D'i g']f'i b [_U'ž'dfc' [fYg'j U'Y' c'ü'UbUg'g'gh a U'ž'f'f'f'g'Y' c'ü'UbUg' _Ub']Ya ž _Ug'XU'f'Vc'Ug' bYU'U'f []'HUG']f'UV _U]g'f]g]b' ↑ a'g'a Uü b' a ž_i' f' a']f'Udf'_c' ↑ a'g'U'f'XU'b' Xi' 'bcg'cXn]ž' _Ua' 'bYd]Y'f'f'ü'Ua' g'U'ü']f' [g'Y' c'ü'UbUg'XU'i Xni a' g'ž'd]Ya' f'Ua' ž'Y_g_Uj' U'f'f]ž'Wa' Yb'f'U'g' _]' j U]a' U]g' h' ↑ i' b'Y_g_Uj' U'f'f]]Y'_f' j' ↑'



Unikāla eļļošanas sistēma

Tāpat kā visām Groeneveld atkārtoti uzpildāmajām eļļošanas sistēmām, arī TriPlus ir uzstādīta plāksne, lai pārlicinātos, ka rezervuārā esošā smērviela nesaskaras ar ārējo gaisu, novēršot tauku novecošanos oksidācijas rezultātā. Rezervuārs aprīkots ar smērvielas līmeņa kontroles lūku.

Groeneveld ne tikai nodrošina eļļošanas sistēmu, bet arī pārdomātu risinājumu katram konkrētajam pielietojumam. Katram pielietojumam izstrādāta detalizēta dokumentācija, kas nodrošina veiksmīgu sistēmas instalāciju un kvalitatīvu darbību.

Unikālas īpašības

TriPlus ir progresīva eļļošanas sistēma ar trim eļļošanas kanāliem, kurus var programmēt un darbināt neatkarīgi. Ideāls risinājums ekskavatoriem - iekrāvējiem. Piemēram, kad mašīnas priekšpuse nav jāeļļo, kad tiek izmantota aizmugurējā rakšanas roka, un otrādi. Tas novērš nevajadzīgu sastāvdaļu, kas nekustas, eļļošanu. Citi piemēri ir mobilā ekskavatora balstiekārta un celtna montāža vai kravas automašīnas šasija un cementa sūkņa komplekts.

TriPlus priekšrocības īsumā:

- Three lubrication circuits that can be operated independently
- Grease metering regardless of the ambient temperature
- Optimal grease metering per lubrication point
- Follower plate for visual checking of the grease level and to prevention of ageing of the grease as a result of oxidation.
- Filling coupling with filter prevents contamination during refilling
- Provided with in-cab check light



Controller

The controller is the core of the TriPlus. This electronic controller, with a real-time clock and memory, ensures that each lubrication circuit receives the exact amount of grease that has been programmed. These settings can always be adjusted to changing working conditions. The in-cab display allows the operator or driver to check the system's operation easily.

The comprehensive diagnosis indications make maintenance simple and allow remote assistance. The memory makes it very easy to assess the system's past functioning, such as the timely refilling of the grease reservoir.



Divider blocks

Groeneveld's progressive divider blocks stand out because of their unique quality and almost unlimited combination possibilities. This allows exactly the right system to be assembled for each application, where each lubrication point always receives the correct amount of grease. Not too little, to prevent metallic contact (and thereby disturbing sounds), excessive wear and unexpected failure. And certainly not too much, because waste and environmental pollution does not belong in a good business practice.

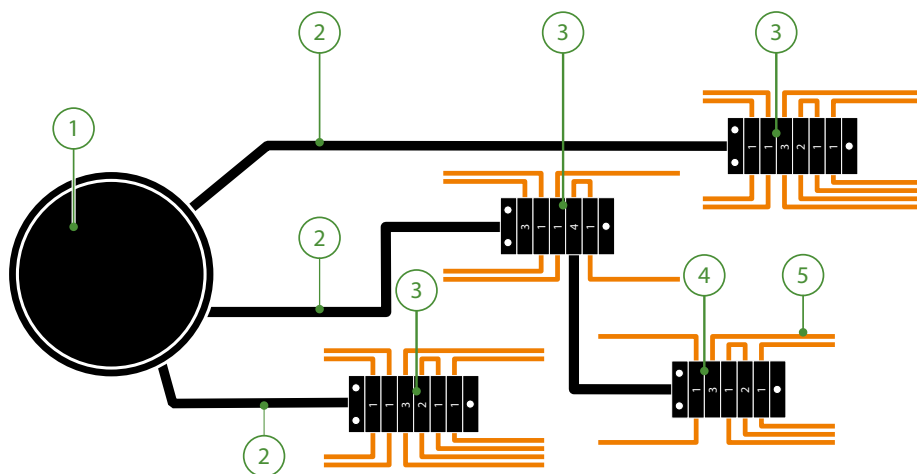
For its progressive systems, Groeneveld provides newly developed anti-corrosive divider blocks with a high quality zinc-nickel coating. This treatment withstands a 720-hour salt-spray test and thereby offers optimal protection against corrosion.



System overview

The TriPlus lubrication system has three independent lubrication circuits and consists of the following main components:

1. Pump
2. Main line
3. Main divider block(s)
4. Divider block(s)
5. Secondary lines



Groeneveld and quality



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

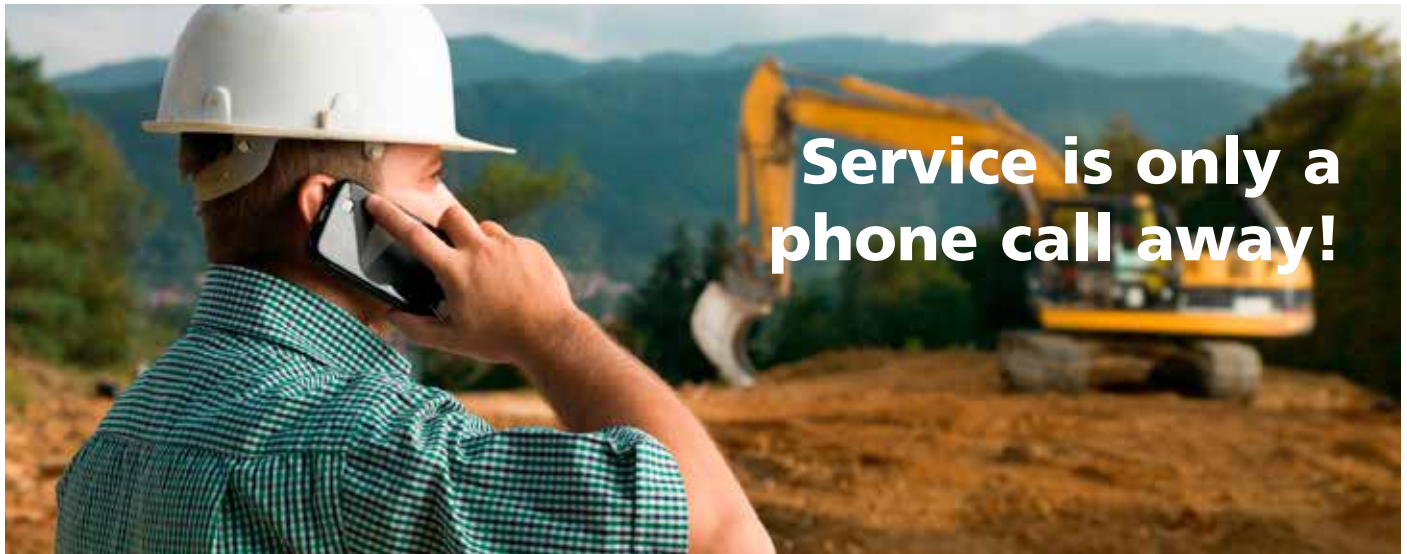


Groeneveld has its own, ISO-TS certified, production and assembly facilities and development centres, where product quality and process quality are paramount.

Groeneveld: A global player

Since its foundation in 1971 in Gorinchem, Groeneveld has developed into a global enterprise with approximately 600 employees. Groeneveld, part of The Timken Company, 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!



Twin

Parallel lubrication system

Twin is a dual-line lubrication system that offers the perfect solution for, e.g. large wheel loaders, agricultural equipment and spreaders, which often have long lines. The system works with relatively low pressure, allowing the preservation of the quality and structure of the grease. Twin is also characterised by a very accurate dosing per lubrication point, regardless of the ambient temperature.



Oilmaster

Always the correct level of oil

Groeneveld's oil management system ensures that the oil level in the engine is always at an optimal level. Checking the oil level manually is a thing of the past. This doesn't only saves time, but also ensures that there is never too little or too much oil in the engine, with all the costly and time-consuming consequences. The system is applied in numerous sectors throughout the world.



Greensight

Safety support system

Greensight is available as an obstacle detection system, as a camera system and as a combination. The implementation of ultrasound allows the system to detect obstacles in the pre-set zones very accurately. It can be expanded with sensors either on the sides or on the top of the vehicle or machine. The camera system offers an optimal view under all conditions.