

Media Release

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Voith Trucking Expertise at Transport Compleet

- **Wear-free starting and braking as a result of the VIAB Turbo Retarder Clutch**
- **Environmentally friendly Aquatarder SWR brakes with water**
- **Fuel savings realized with the LP 490 air compressor**

Hardenberg: Transport Compleet will be taking place from the 13 to 15 March at Evenementenhal, in Hardenberg. Voith will be showcasing the VIAB Turbo Retarder Clutch, Aquatarder SWR and the LP490 air compressor. New configurations and possibilities for product integration are key areas that will be focused on at the booth this year.

The Netherlands is characterised topographically by dunes, lowlands and polders (low lying land that has been reclaimed). Although this terrain is gentle when compared to other regions safety, reliability and good quality truck components are never compromised on. In Hardenberg, end users and truck manufacturers will find out firsthand about the benefits our products and services have to offer.

The VIAB Turbo Retarder Clutch is one of the most prominent Voith products combining a turbo coupling and retarder in one hydrodynamic circuit. This system allows for highly sensitive steering and starting of the vehicle with heavy loads and on difficult terrain. The system is compact, lighter and more efficient than conventional torque converter clutches and does not overheat even during intensive maneuvering on uneven ground; or whilst starting a vehicle on an extreme incline despite the fact that the vehicle is fully laden. Efficiency, sustainability and fuel economy were in the foreground during the development of this wear-free starting and braking cutting-edge system.

A braking system that is 35 kilograms lighter than its predecessor, requires no additional operating medium and is able to perform up to 90 percent of all vehicle braking operations wear-free; enter the Voith Aquatarder SWR. The Voith Aquatarder SWR is an environmentally friendly secondary water retarder that uses the cooling agent of the engine for the braking process. In addition to these benefits, it requires only half the installation space compared with its predecessor.

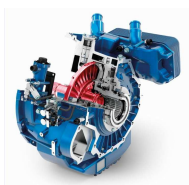
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Also on display this year, the LP 490 has been developed for the new EURO-6 engines. Produced in aluminum lightweight design, the two-stage compressors are a series-feature of the latest Daimler engine generation. This includes the Mercedes-Benz Actros and Antos, as well as the Travego and Citaro. Thanks to its two-stage principle, the Voith air compressor saves up to 1 liter of diesel per 100 kilometers.

Voith Turbo, a Group Division of Voith, is a specialist for intelligent drive solutions, systems and comprehensive services. Customers from highly diverse industries such as oil and gas, energy, rail and commercial vehicles, ship technology, mining and mechanical engineering rely on the advanced technologies and solutions-driven expertise of Voith Turbo.

Voith is a global technology group. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, Voith today has more than 19,000 employees, sales of €4.2 billion and locations in over 60 countries worldwide and is thus one of the largest family-owned companies in Europe.



Caption: The VIAB Turbo Retarder Clutch ensures wear-free starting and braking.



Caption: The Aquatarder SWR brakes with water.



Caption: The LP 490 air compressors contribute to saving fuel.

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