

Media Release

Voith Group

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Voith launches new vibration damper specially developed for agricultural tractors

- Hydrodamp 365 HT (High Torque) developed for agricultural use
- Efficient damping of torsional vibration in high-power engines
- Maximum operational efficiency and increased service life

HEIDENHEIM, Germany. Voith adds the new Hydrodamp 365 HT to its growing portfolio of vibration dampers. Specially developed for the demands of agricultural machines, the new addition provides effective damping of torsional vibrations in tractors.

"Based on the Voith HTSD 365, which has proven itself in various areas of application, the vibration damper has been completely revised and reinforced to meet the requirements of agriculture and its trend towards ever more powerful vehicles," says Bernd Schick, Product Manager for Dampers at Voith.

Made for agricultural machines

The result is an optimized setup that is custom designed for use in tractors. The two-stage characteristic and the higher torque capacity meet the requirements of tractors while achieving the most economical operation. Combined in a single system, its spring packages and special hydraulic damping system enable isolation and damping of torsional vibrations proportional to speed. This results in more effective damping of resonance frequencies or higher amplitudes of vibration. The damping effect can be matched to different operating ranges by way of the torsion angle as well as gap geometries and the viscosity of the damping medium. Modular damping and spring components make the Hydrodamp 365 HT easily adaptable to the driveline's specific requirements.

Wear-free performance, maximum efficiency

The Hydrodamp 365 HT requires little maintenance and offers wear-free damping, resulting in increased service life and operational availability. The reduced vibrations allow for fuel-efficient driving, especially in low-speed areas. Vehicle jerking is significantly reduced, thus increasing comfort for the driver. In addition, the lower vibrations notably reduce noise emissions.

About the Voith Group

The Voith Group is a global technology company. 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, the company 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 large family-owned companies in Europe.

The Group Division Voith Turbo is part of the Voith Group and a specialist for intelligent drive technology, systems as well as tailor-made services. With its innovative and smart products, Voith offers highest efficiency and reliability. Customers from highly diverse industries such as oil and gas, energy, mining and mechanical engineering, ship technology, rail and commercial vehicles rely on the advanced technologies and digital applications of Voith.



The vibration damper Hydrodamp 365 HT was specially developed to meet the demands of agricultural machines.

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