VOITH

Media Release

Higher efficiency and availability for drivetrains through the OnCare.Health Vorecon self-learning diagnostics system

2021-03-22

• Early recognition of changes in machine behavior as a basis for higher availability.
• Reduced maintenance costs through condition-based maintenance.
• Meets the highest security standards required for critical infrastructures.

HEIDENHEIM, GERMANY. With OnCare.Health Vorecon, Voith presents a new data diagnostics system that goes one step further than conventional machine protection systems do. It learns, monitors, and performs diagnostics in real time. By means of typical signal patterns, the system first learns the reference state of the machine. Then it continuously monitors, records, analyzes, and evaluates the relevant signals.

With the help of signal and trend analyses, the system predicts the future behavior of the machine. Significant changes are recognized and reported long before an alarm is triggered or a fault occurs. However, if faults do arise, their root causes can be quickly and precisely analyzed and eliminated based on the data.

An easily accessible and user-friendly interface helps the user to keep an eye on all operating data, times, and states of the Vorecon. The user thus receives in-depth knowledge about the machine's behavior under various conditions. From the data in OnCare.Health Vorecon, Voith generates a monthly service report containing extensive performance diagnostics for the machine, including a servicing and maintenance recommendation. This not only ensures optimal stocking of spare parts but also allows service to be scheduled based on the machine state and not according to a fixed cycle. OnCare.Health Vorecon thus helps to increase the availability of the relevant drivetrains and at the same time lowers maintenance costs.

OnCare.Health Vorecon can be easily installed locally and connected via fieldbus to existing IT infrastructures. An internet connection is not

required. Data are also not saved in a cloud. The communication channels meet the highest security standards required for critical infrastructures.

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 20,000 employees, sales of € 4.2 billion and locations in over 60 countries worldwide and is thus one of the larger 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.
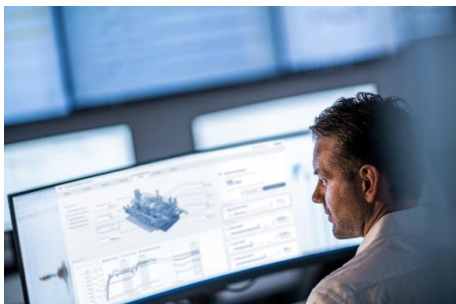
OnCare.Health Vorecon learns, monitors, and performs diagnostics in real time.

Contact

Philip Baeuerle
Global Communication Manager Voith Turbo
J.M. Voith SE & Co. KG
Tel. +49 7321 37-9517
Philip.Baeuerle@voith.com

Twitter
https://twitter.com/voithgroup
https://twitter.com/voith_hydro
https://twitter.com/Voith_Career

LinkedIn
https://www.linkedin.com/company/voithgroup
https://www.linkedin.com/company/voith-hydro
https://www.linkedin.com/company/voith-turbo
https://www.linkedin.com/company/voith-paper
https://www.linkedin.com/company/voith-digital-transformation

YouTube
https://www.youtube.com/VoithGroup

Instagram
https://www.instagram.com/voithgroup/