

Media Release

Voith Group

Voith US Inc.
Corporate & Market Communications,
North America
760 East Berlin Road
York, Pa. 17408-8701
www.voith.com

Voith installs and commissions first VoreconNX marking global milestone

- The variable speed drive runs with minimal vibration while delivering low-range power up to 10 megawatts.
- The installation and commissioning of the drive, which took place throughout 2020, went smoothly and it officially went into service at the end of November.
- Voith's VoreconNX variable speed drive is standardized and modularized by design, which allows for easy parts swapping and maintenance.

YORK, Pa. (Jan. 5, 2021) – Voith Turbo has successfully installed and commissioned the first VoreconNX variable speed drive for a U.S. customer, which began using it for its production needs on November 30. As a next-generation modular variable speed drive that combines a hydrodynamic power transmission with a planetary gear, the VoreconNX delivers low-range power up to 10 megawatts and is particularly well-suited to operate compressors in the power, oil & gas industries.

“The customer was very happy with the performance results from the unit's commissioning. They clearly see a lot of potential with VoreconNX, having ordered three units in total, due in part to their ease of maintenance that comes from a standardized design and allows part swapping between units,” said Brinnet Paul, Sr. Account Manager, Voith Turbo North America.

Prior to delivery, installation and final commissioning at its new home in Louisiana, the VoreconNX unit was tested at Voith's Crailsheim, Germany, factory where it ran through a series of standardized performance tests including a speed ramping, overspeed protection and defined-load point tests. With the installation complete and the VoreconNX unit in operation, the owner expects to operate the unit for the next five years without shutdown. At that point, it will be taken offline for a routine inspection and maintenance.

“The entire installation and commissioning process went very smoothly despite the area being hit by three hurricanes this year,” added Craig Aggen, Sr. Field Service Technician, Voith Turbo North America, who also noted the drive not only passed a rigorous test on Voith’s test stand but also an informal vibration test at the site. “We gave it the ‘Coin Test.’ This is where we balance a nickel on its edge on top of the VoreconNX and see if it stays or falls due to vibration. It stayed!”

Voith Turbo North America currently has several other VoreconNX units that have been ordered for use in the U.S. and Canada, with deliveries and commissioning activities coming up in the next two years.

“The units built for the North American market are going to be tested in a lot of varying conditions – from Canada to the Gulf of Mexico – and our customers are very excited to get this next-generation power transmission technology added into their production processes. Once installed, the VoreconNX will boost their operational efficiencies through adjustable pump guide vanes, which offer an improvement of up to eight percent at part load,” said Peter Goretzki, Product Manager, Voith Turbo. “Beyond its efficiency improvements, ease of maintenance and small footprint, our testing also is showing another key value of the VoreconNX – we’re predicting a mean time between failures of 48 years in long-term operation. That’s a phenomenal number for an industry that values reliable operation.”

Learn more about the VoreconNX at <https://voith.com/VoreconNX>.

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 \$4.7 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

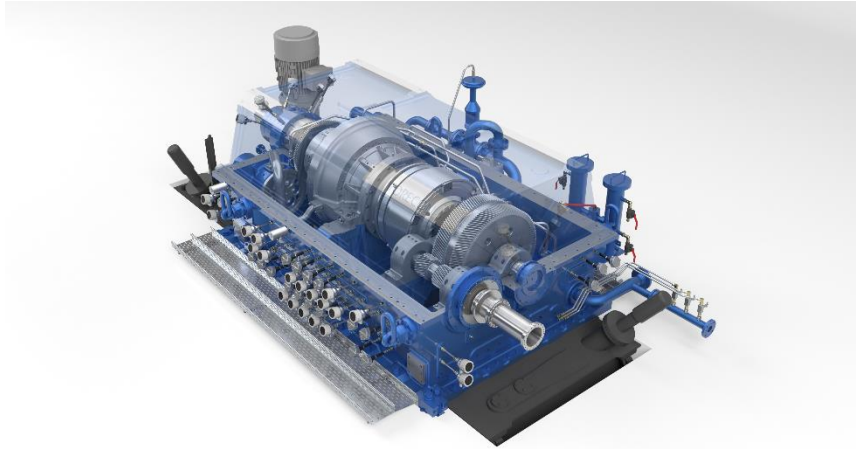
The Group Division Voith Turbo is part of the Voith Group and a specialist for intelligent drive technology, systems as well as tailor-made services. With its innovative and smart products, Voith offers highest efficiency and reliability. Customers from highly diverse industries such as oil and gas,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

Voith Group

Voith US Inc.
Corporate & Market Communications,
North America
760 East Berlin Road
York, Pa. 17408-8701
www.voith.com Voith Group

Voith US Inc.

page 2 of 4



Voith Group

Voith US Inc.
Corporate & Market Communications,
North America
760 East Berlin Road
York, Pa. 17408-8701
www.voith.com Voith Group

Voith US Inc.

page 3 of 4

Photo Caption: Voith recently provided a VoreconNX variable speed drive to a company in Louisiana, and the installation is a global first for Voith's new drive design. Several additional VoreconNX variable speed drives are also expected to be installed in the coming months.



Photo Caption: An informal vibration test of the newly installed VoreconNX variable speed drive was also performed at its new home in Louisiana: A coin was successfully balanced on the drive casing while the drive was in operation!

Contact

Sheryl Zapcic

Director, Corporate and Market Communications, North America

717-792-7247

Sheryl.Zapcic@Voith.com

Voith Group

Voith US Inc.
Corporate & Market Communications,
North America
760 East Berlin Road
York, Pa. 17408-8701
www.voith.com Voith Group

Voith US Inc.

page 4 of 4

Twitter

<https://twitter.com/voithgroup>
https://twitter.com/voith_hydro
https://twitter.com/voith_paper
https://twitter.com/voith_turbo
https://twitter.com/Voith_Digital
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>
<https://www.linkedin.com/company/voith-robotics>

YouTube

<https://www.youtube.com/VoithGroup>

Instagram

<https://www.instagram.com/voithgroup/>