

Bocholt, May 30, 2018

Product launch at the Achema

New Plug & Play sensor DX500 enables predictive gear unit maintenance

- **Vibration and temperature sensor with app for gear unit diagnosis**
- **Optimised system availability and avoidance of unscheduled stoppages thanks to predictive maintenance**
- **Autonomous monitoring solution for gear units in the low to middle torque range**

Gear unit manufacturer Flender will be launching its new DX500 product with associated DX Assist app at the Achema show in Frankfurt am Main. The new smart sensor in the Diagnostex product series is a plug & play solution for measurement of vibrations and temperatures on the gear unit and notifies the system operator of irregularities by app straight to his smartphone or tablet. It enables the planning of predictive service work before unscheduled interruptions or stoppages of the production process can occur and so increases system availability. The DX500 system is thus a further step towards the digitalisation of drive solutions.

A temperature and vibration sensor measures and monitors parameters on the gear unit itself and indicates changes by means of LED signals and alarm signal in the DX Assist app or the customer LAN. All alarms are recorded and the system operator can initiate the order of required replacement parts and detailed gear unit analyses by Flender experts directly with a click. The Assist app is thus a tool for integrated gear unit management. The operator is provided with a digital and mobile service log-book for his gear unit to enable him to optimise his spare-part management and reduce maintenance and failure costs.

“The sensor is precisely programmed by our technicians to suit the gear-unit configuration at the time of ordering, so enabling the customer to profit from our

know-how in gear unit manufacturing and many years of condition monitoring experience. That also goes for data analysis. Only a monitoring solution supplied by the gear unit manufacturer itself can offer an advantage of this kind,” says Nevzat Özcan, General Manager of the Customer Service Business Segment.

The DX500 system is available right at the time of gear unit purchase or, in the case of existing systems, after purchase and is easy to install. Thanks to the incorporated analysis function it operates autonomously. A simple diagnostic solution, it is especially intended for gear units for all industrial applications in the low to middle torque range. The DX500 sensor and the DX Assist app will be shown to the public for the first time on Flender stand A70 in Hall 5 of the Achema show.



This press release and a press picture of the DX500 sensor is available at www.flender.com/press.

Contact for journalists

Tobias van der Linde

Phone: +49 2871 92-2453; E-mail: tobias.vanderlinde@flender.com

Flender GmbH, a Siemens Company, headquartered in Bocholt, Germany, is a leading global supplier for mechanical drive systems and has the reputation for highest performance, innovation, quality, and reliability of mechanical components for more than 115 years. Flender offers a broad variety of gear units and couplings and associated services, with a focus on key industries such as wind power, cement, mining, oil & gas, power generation, water and wastewater, marine, conveyor and crane technology. Flender products and services combine the latest technology with extremely high quality and have been reliably providing the optimal transmission of power for decades. On October 1, 2017, Flender had around 6,000 employees globally. Further information is available on the Internet at www.flender.com.