Brüel & Kjær Vibro
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Press Release

Brüel & Kjær Vibro's VibroSuite 3.2 improves wind turbine monitoring capability

DARMSTADT, Germany (Sept. 14, 2020) - Brüel & Kjær Vibro, one of the leading worldwide independent suppliers of condition monitoring solutions for rotating machinery, has released Version 3.2 of the stand-alone, completely client-owned VibroSuite program for advanced wind turbine condition monitoring.

VibroSuite is currently monitoring more than 25,000 wind turbines worldwide, providing an effective diagnostic platform to all types of turbines and to users of all levels of expertise. The result has been reduced maintenance costs and increased uptime for wind parks. Version 3.2 enables other systems to interface with VibroSuite, extends the already powerful alarming capability, monitors more types of wind turbines, including both direct drive turbines and those with only two planetary stage gearboxes, and improves overall monitoring flexibility and security.

VibroSuite Version 3.2 has the capability to be more closely integrated with other systems for more comprehensive monitoring and correlation purposes. This gives better insight and a more complete at-a-glance overview for managing wind turbine healthcare. The rate of change of wear debris count is calculated, monitored and trended to distinguish between normal wear and a prematurely failing component. This gives reliable, early detection of gearbox and bearing faults.

The VibroSuite LimitManager has been extended further to offer more flexibility in setting alarm limits. It is now possible to manually and interactively set alarm limits for a large number of machines in one operation. The QuickLearn function has also been updated, to support setting up alarm limits by drag and drop operation.

Dr. Christian Klostermeier, head of wind business unit, Brüel & Kjær Vibro, said, "A number of enhancements have been made to the system configuration that greatly extends monitoring capability. Parameter setup can now be easily made on the fly for turbines that may require special attention. If the network is down, a flight recorder in DDAU3 allows monitoring data to be stored locally until communications are re-established. Off-line periods of several months can be covered by the large internal

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storage of DDAU3. Overall, the device interface capability, enhanced alarming functionality and overall configuration flexibility and security will provide even more value to our customers' turbine healthcare management solution."

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For more information:

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About Brüel & Kjær Vibro

Brüel & Kjær Vibro is the leading worldwide independent supplier of condition monitoring solutions for rotating machinery. The comprehensive product range comprises vibration sensors (acceleration, velocity and displacement), vibration monitors, handhelds and rack-based plant-wide integrated monitoring solutions. These products plus a suite of comprehensive services fulfil the most demanding applications for safety, condition and performance monitoring of rotating machinery.

Based on 60 years of experience and a world-wide sales and support network, Brüel & Kjær Vibro's monitoring solutions have successfully reduced downtime and maintenance costs and increased machine reliability for our customers world-wide.

For more information, visit www.bkvibro.com

About Spectris
Brüel & Kjær Vibro is part of Spectris plc, a leading supplier of productivity-enhancing instrumentation and controls. Headquartered in Egham, Surrey, United Kingdom, Spectris is listed on the London Stock Exchange (LSE: SXS) and had sales of £1,526 million in 2017. The company employs around 10,000 people located in more than 30 countries.
The company's products, technologies and services help customers to improve product quality and performance, improve core manufacturing processes, reduce downtime and wastage and reduce time to market. Its global customer base spans a diverse range of end-user markets.

Spectris operates across four business segments which reflect the applications and industries it serves: Materials Analysis, Test and Measurement, In-line Instrumentation and Industrial Controls.

For more information, visit www.spectris.com.