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SKF Machine Tool Observer offers a flexible and cost effective machine tool monitoring solution

The SKF Machine Tool Observer MTx allows user to log and trend data, monitor machine status via the internet, and receive alarms to flag problems

Gothenburg, Sweden, 4 September 2014: SKF has launched the SKF Machine Tool Observer MTx, which offers flexibility by enabling users to connect a range of condition monitoring sensors to one dedicated electronic system that logs all critical parameters. The device offers users a valuable tool that supports preventive maintenance and helps to avoid the ultimate cost of repairing damaged spindles.

"The SKF Machine Tool Observer MTx, helps users to avoid downtime, prevent unexpected spindle defects, log and review spindle crashes and abnormal working conditions and, ultimately, to improve performance and efficiency," says Werner Palmetshofer, General Manager SKF Condition Monitoring Centre. "We believe that the SKF Machine Tool Observer is the most flexible solution for data logging and spindle crash detection in the market."

The SKF Machine Tool Observer MTx is a stand-alone on-line monitoring device that actively monitors, records and observes data on the performance of machine tool spindles, grinding machines and other systems. The device supports up to six different types of sensors, enabling users to monitor a range of conditions by allowing up to 14 components, such as temperature sensors, humidity sensors and oil streak sensors, to be connected at the same time, while triaxial or standard industrial accelerometers are used for acquiring vibration signals.

2/...SKF Machine Tool Observer MTx

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The device will help a wide range of users, including machine tool manufacturers that wish to add value to their machines, spindle repair shops that test repaired spindles and any application that will benefit from an easy-to-use, quick assessment on the machinery status.

SKF is a leading global supplier of bearings, seals, mechatronics, lubrication systems, and services which include technical support, maintenance and reliability services, engineering consulting and training. SKF is represented in more than 130 countries and has around 15,000 distributor locations worldwide. Annual sales in 2013 were SEK 63,597 million and the number of employees was 48,401. www.skf.com

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