

SKF Axios provides first line of defense for paper mill resulting in a \$60,000 savings

The situation

A large specialty paper mill conducts monthly walk-around data collection to monitor its machine drives and other equipment. While this scheduled maintenance routine catches many issues, what about the machine condition changes and potential for failure in between?

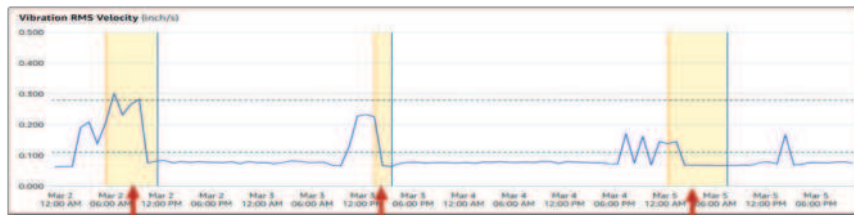
The paper mill decided to install the SKF Axios wireless, predictive maintenance solution on several of its paper machine drives to enhance their current data collection program.



The assessment

Within a month of installing the sensors, the system sent three alerts showing an anomaly on one of the motors.

An on-site analyst completed a secondary check with an SKF Microlog and found the motor had electrical rotor bar issues.



Vibration data from SKF Axios

The result – a cost avoidance of \$60,000

Although monthly walk-around data showed no anomalies or concerns at the time of collection, the SKF Axios trend data showed this anomaly was happening days apart, outside the scheduled monthly data collection timeframe.

Thanks to alerts from SKF Axios, the on-site vibration team at the paper mill was able to conduct a deeper dive and recommend replacement of the motor due to worn and loose rotor bars. **As a result, SKF Axios helped the mill save \$60,000 in unplanned downtime and lost production.**

What is SKF Axios?

SKF Axios, a collaboration with Amazon Web Services (AWS), is a wireless, scalable, predictive maintenance solution that collects and analyzes vibration and temperature data to detect equipment anomalies and provide alert notifications on the health of the machinery. The more data collected, the smarter the machine learning becomes.



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