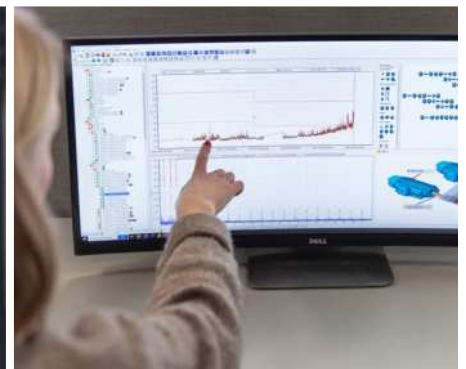


Maximizing uptime with SKF predictive maintenance

\$3.68
MILLION
IN SAVINGS

When a leading producer of corrugated cardboard was dealing with unexpected downtime and high maintenance costs, it turned to SKF for help. As of today, the company has avoided nearly a month of unplanned downtime and saved \$3.68 million with an SKF Reliability maintenance program. Using SKF's condition monitoring technology and reliability expertise, the factory detected issues early, addressed them quickly, and significantly improved production efficiency



SKF condition monitoring solutions, tailored to different applications.

Tailored monitoring for critical assets

The factory uses a mix of SKF wired and wireless condition monitoring solutions, tailored to different applications based on criticality and accessibility. SKF's approach includes route-based data collection, vibration analysis, and diagnostics services to ensure no issue goes unnoticed.

SKF engineers also provide:

- Bearing inspections and training to enhance the skills of the factory team.
- Root cause failure analysis and maintenance process reviews to address recurring production issues.

Avoiding costly downtime

During the service contract, SKF's proactive maintenance approach provided early warnings for 131 machine issues, helping the factory avoid costly interruptions. This included:

- Detecting a bearing defect on a plain press roll, which was resolved within four days, saving \$40,000 in avoided downtime.
- Noticing high rotation frequency in a pulper motor, which led to reinforcing the motor base, saving \$20,000.
- An analysis that uncovered roll barring on a press roll, enabling replacement before failure and avoiding \$60,000 in downtime costs.

A lasting impact

Thanks to SKF's expertise and technology, the factory benefits from a robust and trusted maintenance culture, with increased reliability, reduced unplanned downtime, and improved worker safety. SKF team members are integrated into the factory's maintenance and reliability teams to keep production on track.

"SKF helped us decrease machinery downtime and increase reliability. Keep up the good work SKF!"
– Factory reliability engineer

The factory's 5-year service contract with SKF paid for itself in just 10 months, and the benefits continue to add up.

[skf.com](https://www.skf.com)

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