SKF Condition Monitoring

Your path to cost savings

Unplanned machine downtime costs you significantly, in emergency repairs and lost production, especially with recurring failures on critical machines.

Monitoring vibration and temperature identifies machine faults such as unbalance, misalignment, mechanical looseness and bearing defects, as well as lubrication, gear, belt and coupling issues. This enables you to proactively plan maintenance and repair activities and avoid catastrophic failures.

SKF offers a full suite of Condition Monitoring hardware, software and services

SKF Hardware



Portable and continuous data collection

SKF Software



Secure analytics software Cloud and on-premises

SKF Services



On-site and remote services

Reliable partner, reliable rotation

Industry and engineering knowledge, combined with comprehensive condition monitoring technology and services make SKF the ideal partner. SKF's intelligent solutions keep your maintenance costs low and your workers safe while reducing your environmental impact and complying with government mandates.



- Cost savings within days, ROI within months
- Proven and reliable technology
- Continuous technical support
- Bearing, seal and lubrication expertise
- Fix and prevent recurring problems
- Build a long-term relationship
- A true partner for success

Contact your SKF Authorized Distributor or scan the QR code for more details.

SKF Condition Monitoring

Explore the many ways to protect your critical machines with SKF condition monitoring technologies! Machine type, criticality and speed are reviewed by SKF experts to help you select the right combination of hardware, software and services.

SKF Hardware

Portable monitoring

Requires trained personnel to manually collect data with handheld devices.



SKF QuickCollect



SKF Microlog dBX

Continuous monitoring

Allows data collection to be automated with wireless or hard-wired options.



SKF IMx-1



SKF IMx-8 | IMx-16



SKF IMx-M

SKF Software

SKF software solutions are available on premises and on the cloud, enabling vibration trending and analysis. Secure data sharing with external systems provide better maintenance planning and data visualization.





SKF Services

You know us for our bearings, let us help you protect them!

We have saved hundreds of customers over $200M in unplanned downtime. SKF Services are proven to deliver a return-on-investment within a few months.

SKF not only detects the problem and helps you fix it, but also guides you to eliminate its root cause through engineering and training services.

Mechanical services:
- Ultrasound and leak detection
- Dynamic balancing
- Infrared thermography
- Motion amplification
- Precision alignment
- and more

Training:
- On-site training
- Bearing, seals, & lubrication fundamentals
- Bearing & seal mounting and dismounting
- Bearing storage and handling
- and more

Engineering services:
- Application review
- Bad actor management
- Bearing inspections
- Bearing installation
- Lubrication review
- Outage support
- Root cause failure analysis

Remote analysis:
Vibration monitoring, analysis and reporting through the Rotating Equipment Performance Center in Birmingham, Alabama

® SKF is a registered trademark of AB SKF (publ).

© SKF Group 2024. All rights reserved.

The contents of this publication are the copyright of the publisher and may not be reproduced (even extracts) unless prior written permission is granted. Every care has been taken to ensure the accuracy of the information contained in this publication but no liability can be accepted for any loss or damage whether direct, indirect or consequential arising out of the use of the information contained herein.

PUB 711-664 · December 2025 25120