

How SKF MHRP works...

For a monthly fee based on the number of machines you choose to monitor, the SKF Machine Health Reporting Program drives reliability and productivity through the following steps:



Asset identification and database development

First, you'll identify your critical machines – motors, pumps, gearboxes and other rotating equipment – then record information from their nameplates on a convenient SKF form. Specialists at an SKF Solution Factory will use this information to build the database that will be used to collect and analyze your vibration data.

SKF Microlog delivery and training

Once we build your database, SKF delivers your SKF Microlog data collector. This robust handheld unit incorporates the industry's most advanced vibration detection technology and decades of SKF rotating equipment experience. An SKF Reliability Engineer will perform on-site training to prepare your personnel for their roles and teach them how to:

- Launch and navigate the communications software
- Access designated collection points and routes
- Transfer these parameters into your SKF Microlog
- Collect vibration data properly



Data collection and uploading

Collecting data on a pre-defined route collection schedule can be made a part of already existing maintenance duties. The process is fairly simple: vibration data is collected and stored on the SKF Microlog by placing a transducer on the machine. For those unsafe or difficult-to-reach locations, SKF supplies a range of transducers that can be fitted to machines to allow safe and convenient access. The Microlog collects and stores the vibration data, then uploads it via the Internet to SKF for analysis and reporting.

Monthly data analysis and machine health report

Every month, an SKF industry certified reliability expert analyzes your collected vibration data and generates your machine health report, which your SKF Authorized Distributor will regularly review with you. The report includes current overall machine health,

progression of deterioration, required corrective actions, and more. The report is key to scheduling maintenance around production requirements.

