

SKF Reliability Systems



Lubrication analysis service

The SKF Lubrication analysis service provides valuable information to guide maintenance activities and drive plant operating costs down.

The SKF competence

Decades of SKF experience has determined that around 50% of all bearing failures are caused by lubrication and contamination issues.

With our unique knowledge in bearing technology and rotating equipment design, SKF Reliability Systems has the competence to diagnose a wide range of machinery problems through detailed lubrication analysis procedures.

Getting the most from analysis

Maximum benefit from lubrication analysis can only be gained when it is incorporated into a sound maintenance strategy. Analysis should be a regular discipline and the information used to eliminate the root cause of failures and to provide a valuable insight into plant condition.

Detailed report with recommendations

SKF Reliability Systems provides a comprehensive, easy to read lubrication analysis report, which includes recommendations from SKF Reliability Systems experts on the corrective actions required to eliminate repetitive failures.

The SKF lubrication analysis report may include the following details:

- Kinematic viscosity at 40°C
- Kinematic viscosity at 100°C
- Wear metals analysis (up to 26)
- Additive depletion
- Insolubles content
- Particle counts
- Water content
- Flash point
- Total Base Number (TBN)
- ISO/NASS cleanliness code

Recommended actions using the traffic light concept as follows:

- Action required
- Caution, action may be required
- Satisfactory condition

For further information on how the SKF Lubrication analysis service can benefit your company, contact your SKF Reliability Systems representative or visit us on-line at www.skf.co.uk/reliability

Condition monitoring services

Proactive Reliability Maintenance (PRM)

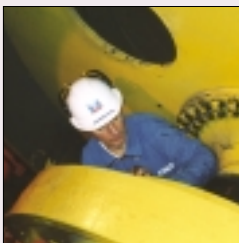
Integrated Maintenance Solutions (IMS)

Maintenance services

Refurbishment services

Engineering solutions

Training courses



■ Proactive Reliability Maintenance (PRM)

- Proactive Reliability Maintenance™
- Fan reliability programme

■ Integrated Maintenance Solutions (IMS)

- Integrated Maintenance Solution™
- Integrated Maintenance Solutions for the paper industry

■ Condition monitoring services

- On-site condition monitoring services
- CoMo-Link remote diagnostics
- Lubrication analysis service
- Keeping the power flowing

■ Maintenance services

- Precision mechanical services
- Bearing installation
- Bearing failure analysis

■ Refurbishment services

- Bearing refurbishment service
- Bearing refurbishment for railway taper bearing units
- The vital link in clip chain refurbishment

■ Engineering solutions

- Getting bearings on the London Eye
- SKF on board the world's largest pipeline laying ship
- Where there's a wheel there's a way
- An open and shut case for SKF
- Customised housings solution
- SKF bearings can stand the heat
- SKF bearing solution gets many fans
- Where there is muck, there is brass
- Design and project engineering
- Technical consultancy

■ Training courses

- Industrial bearing maintenance and service
- Balancing with Microlog™
- Machinery Analysis I
- Machinery Analysis II
- Fundamentals of machine condition
- Intro to PRISM⁴ for Windows™
- Intro to Microlog™ system
- Intro to PRISM⁴ on-line systems
- Intro to Machine Analyst™
- Intro to the MARLIN® system

Condition monitoring services

Proactive Reliability Maintenance (PRM)

Integrated Maintenance Solutions (IMS)

Maintenance services

Refurbishment services

Engineering solutions

Training courses