

# **SREE MURUGAN BEARINGS**

**Enhancing Equipment Reliability  
Through Proactive Maintenance**







### 1. Mounting and dismounting

- Mounting and dismounting of bearings with SKF-Induction heater and SKF Hydraulic pullers.
- Properly installing and dismounting large bore bearings is essential in achieving the maximum life of a mounted bearing.
- It's estimated that the second most common cause of failure of large bore bearings is improper mounting techniques.
- Proper mounting techniques will ensure that the bearing is mounted correctly, and that the maximum life of the bearing will be realized.



### 2. Vibration Analysis of rotating equipment's

- Monitor a variety of machine conditions to identify a change in health
- Understanding the underlying cause of persistent problems-allowing effective solutions to be put in place



### 3. Shaft and pulley alignment

- Aligned equipment's will improve your plant's operating time, productivity, and production quality.



### 4. Dynamic balancing of rotating equipment's

- Dynamic balancing can help to reduce the wear and tear of moving components.
- Keeping the components your machinery well balanced can help to avoid machinery breakdown; saving you money in the long run.



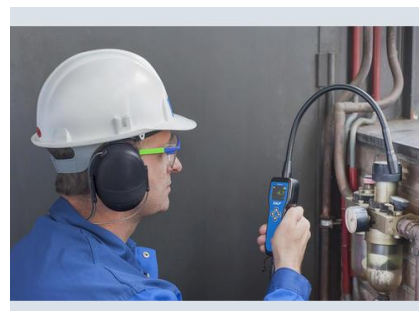
### 5. Electric thermography of electrical panels

- Benefits of Infrared Thermography Inspections for Electrical Problems. If the increasing heat is detected in good time, the condition can be corrected before the electrical equipment fails.



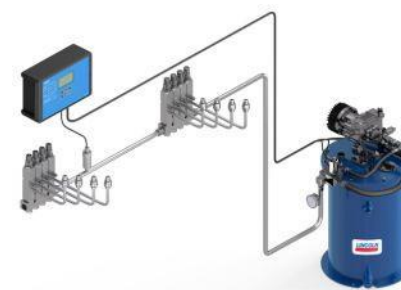
### 6. Oil Analysis

- Routine oil analysis is an effective way of gauging the condition of a lubricant and determining optimum change intervals — to get the most life out of the oil in use as well as provide maximum continuous protection of equipment.



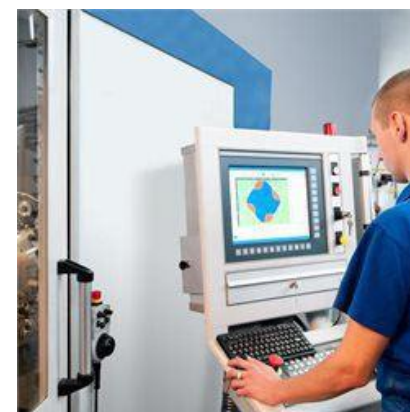
### 7. Air Leak Detection Service

- SKF Nowadays the saving of energy is an important topic in all areas in which compressed air systems are used. The finding and elimination of leaks in compressed air systems alone can save up to 35 % of the energy costs associated with the use of a compressor.
- Regular ultrasonic inspections and preventative maintenance can also increase the operational reliability of equipment.



### 8. Total Lubrication Solution

- Providing centralized Lubrication system from world's no.1 company SKF-Lincoln



### 9. Remote diagnostic center. Vibration sensor installation on machine

- For the continuous monitoring and safeguarding of critical or inaccessible machines in order to provide early warning of issues and prevent unplanned outages. The technique is applicable to many types of common rotating machine types including: Motors, Compressors, Fans, Drive shafts, Pumps, Gearboxes, Machine Tool Spindle



### 10. Spindle health monitoring

- Spindle Services offer a fast, efficient, cost-competitive refurbishment service with an unrivalled quality in bringing your spindle back to original OEM tolerances and getting your machine back into production as fast as possible, saving you time and money.



### 11. Inspection of LSB for remanufacturing

- Remanufacturing (REMAN) for large size bearing (above 200 mm ID) at SKF solution factory, backed by Guarantee. Get longer bearing service life and minimize the cost of bearings.



### 12. Training solutions. Customized training

- Training to Maintenance team of your company. Good for your workers training has many benefits for your staff: They acquire new skills, increasing their contribution to the business and building their self-esteem. The training they do can take them into higher positions within the organization.



### 13. Total predictive maintenance

- AMC for the selected equipment's maintenance periodically.
- Reduces maintenance costs, downtime, equipped with proper secondary damage and unnecessary parts replacement

### 14. Introduction of COMO and MAPRO products

- Selling Maintenance tools like- Bearing fitting Kit, Pullers, Induction Heater, Vibration pen increase productivity and prevent downtime loss by enhancing your plant maintenance.



- Supplying complete range of SKF bearings and other SKF products from ready stock
- Through SKF Certified Maintenance Program (CMP) and Core Sales Team who is trained and certified by SKF, which enables Sree Murugan Bearings to render technical services in large base of valued customers.
- Extending support in selection of bearings, RCFA of bearings with the help of experienced SKF Application Engineers and condition monitoring of critical equipment's with remote diagnostic center.
- Finally achieving optimum service life from SKF products enabling end users avoid downtime losses, improving reliability, reducing spares consumption and also reduce energy consumption. Overall large effect is seen in Total Cost of Ownership (TCO) and OEE of Equipment / plant.

In this scenario of digitalization and technology, Organizations are forced to change maintenance strategy and are increasingly focusing on technology infusion / including partners which can help to achieve Reliable and sustainable operations at site. Availability of state of art Instruments with Sree Murugan Bearings like-SKF Analyzer Microlog, Laser alignment tool, Induction heater, Fitting Tool Kit and SKF Remote monitoring along with experienced technical staff is supporting customers to understand equipment health and pin point exact condition of rotating equipment's, and other critical installation in plant helping them to avoid large cost in terms of failure / breakdown

Keeping customer's goals in mind and change in customer's perspective, Sree Murugan Bearings has come out with MOBILE VAN which is fully equipped with Experienced Technicians and above mentioned required tools to support customers for Predictive maintenance guarantying trouble free operations which ultimately results in cost saving, higher production and conserving energy and meeting long term organizational goals.

**Our service team is ever ready to visit you with prior appointment to discuss and execute job for all critical equipment in your plant.**

**We are confident this will further increase your bond with SKF and Sree Murugan Bearings.**

## SKF Product Range



## Customer, CMP Technician and SKF RDC

