



**EASY
SOLUTIONS
TO SIMPLIFY
MAINTENANCE**

Lifetime Solutions Portfolio

Create added value

Avoiding unplanned machine downtime and the costs associated with it, which can exceed 100,000 euros per hour, is a challenge faced by companies in many different industries. Manual maintenance tasks require a lot of personnel and involve risks, especially when working on machines that are difficult to access in extreme environments. The Lifetime Solutions portfolio helps you overcome your challenges across all industries.



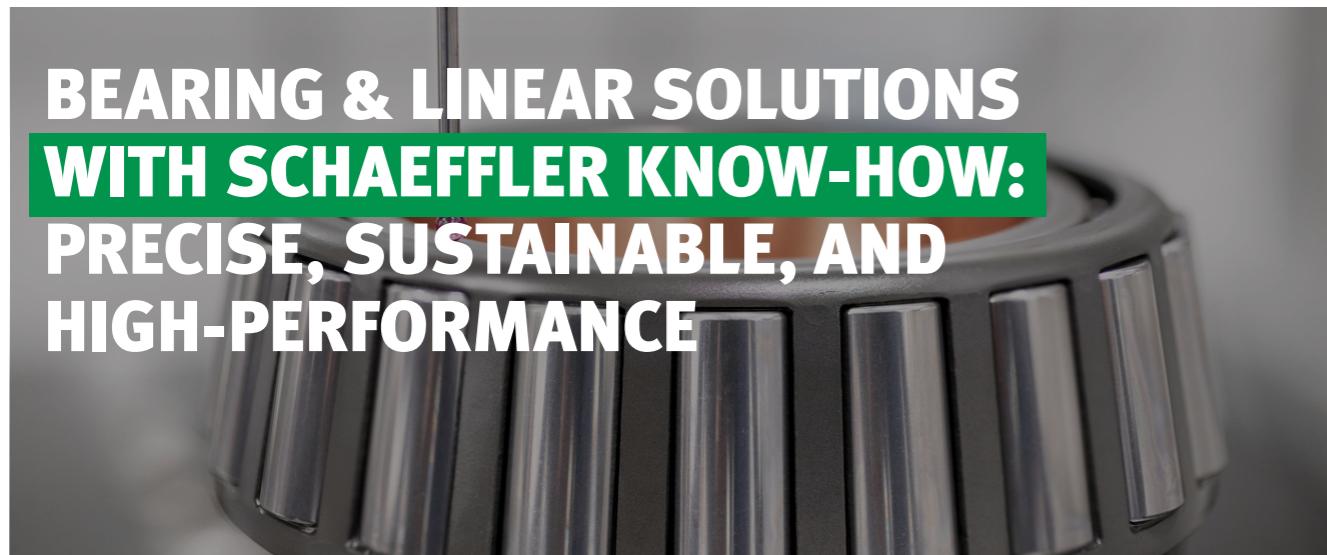
**KEEP YOUR
MACHINES
ROLLING**

Lifetime Solutions

The Lifetime Solutions portfolio has a comprehensive range of products, services, and solutions for industrial maintenance. It is designed to support maintenance personnel over the entire service life of a machine and can be used in any industry.



[Schaeffler Lifetime Solutions](#)



BEARING & LINEAR SOLUTIONS WITH SCHAEFFLER KNOW-HOW: PRECISE, SUSTAINABLE, AND HIGH-PERFORMANCE



Angular contact ball bearings

The optimal choice for combined radial and axial loads, especially when space is limited



[Product page](#)



Deep groove ball bearings

Versatile use thanks to their high speed capability and low-friction operation



[Product page](#)

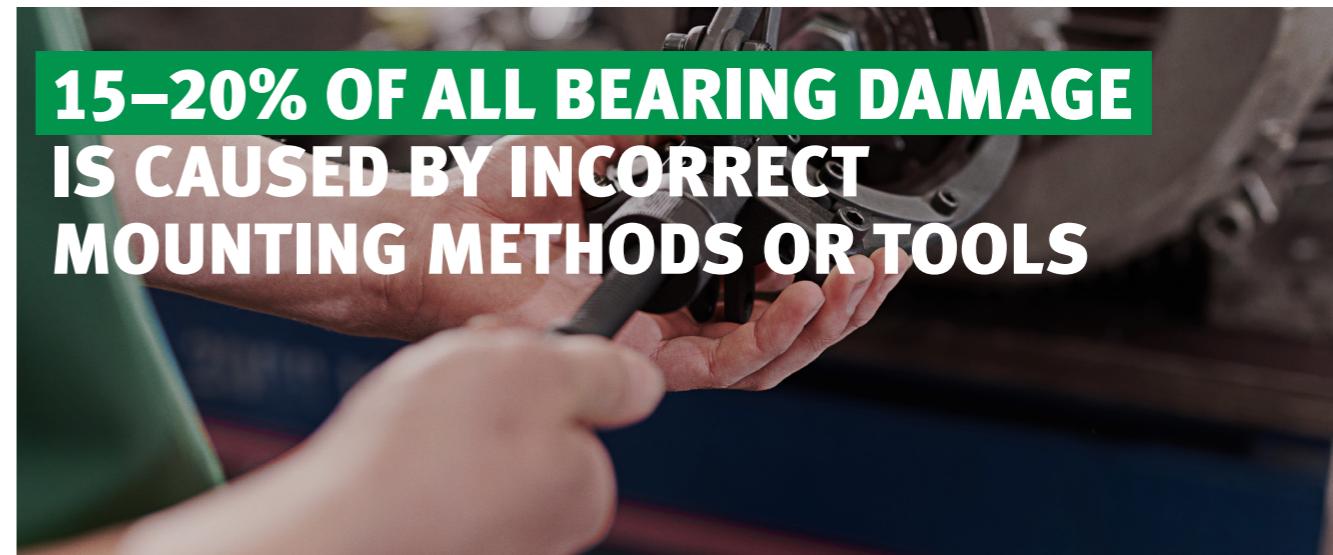


Tapered roller bearings

Compact, heavy-duty, and energy-efficient, they enable precise shaft guidance



[Product page](#)



15–20% OF ALL BEARING DAMAGE IS CAUSED BY INCORRECT MOUNTING METHODS OR TOOLS



Mechanical tools

Suitable for maintenance work involving the mounting and dismounting of various components in different sizes



[Product page](#)



Hydraulic tools

Reduce the risk of damage to components during mounting or dismounting



[Product page](#)



Thermal tools: HEATER

Designed for mounting, offering time, energy, and cost savings



[Product page](#)



Cylindrical roller bearings

Designed for extreme loads, they offer flexibility, reliability, and low maintenance



[Product page](#)



Linear solutions

Wide range of different ball recirculation units and profile rail guides for increased productivity



[Product page](#)

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Customer testimonial

Schaeffler's bearing, linear, and lubrication solutions perfectly fulfill our requirements in the food industry – both technically and in terms of quality.

– Michael M., Head of development of filling machines



Thermal tools: MF-Generator

Designed for mounting and dismounting, offering significant time, energy, and cost savings



[Product page](#)



Alignment systems

Belt alignment device, belt tension meter and shaft alignment device prevent premature failures and increase machine efficiency



[Product page](#)

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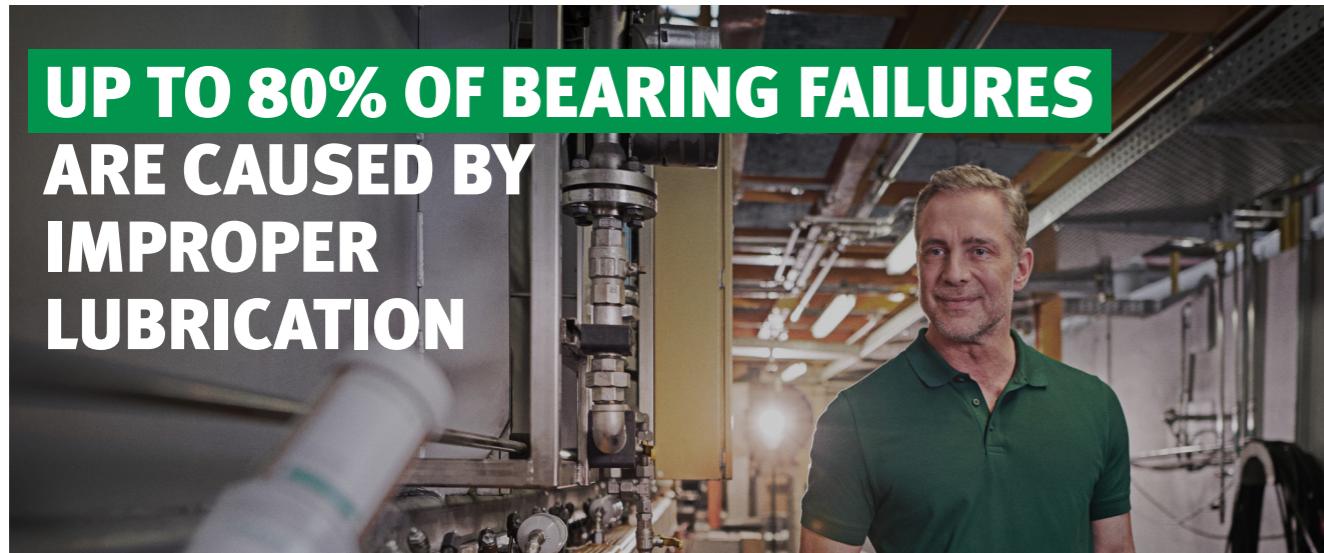
Customer testimonial

Compared to an oil bath, the bearing can be heated around 12 times faster. In addition, we have greater safety for our team.

– Dede Sudrajat, Mechanischer Ingenieur

 SOLUSI BANGUN
INDONESIA

Mounting services: Our experts are available to help you before, during, or at any time during the mounting and dismounting. Contact: mounting-services@schaeffler.com



OPTIME C1/ FAG OPTIME C4

Smart lubricators that alert via app when a lubrication point requires attention



[Product page](#)



CONCEPT1

Gas-powered lubricator that can also be filled with greases from other manufacturers



[Product page](#)



CONCEPT2/4/8

Lubricator with two, four or eight outputs that can be controlled separately



[Product page](#)



OPTIME CM

Monitoring solution for thousands of rotating machines



[Product page](#)



ProLink CMS

Monitoring solution for multiple machines critical for production



[Product page](#)



SmartCheck

Monitoring solution for individual machines critical for production



[Product page](#)



Arcanol

18 Arcanol greases can reduce wear by up to three times and double the grease service life



[Product page](#)



Grease App

Identifies suitable Arcanol grease, grease operating life, relubrication interval as well as the lubricant quantity



[Product page](#)

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Customer testimonial

With the OPTIME C1, we have been able to significantly reduce costs compared to manual lubrication. We are impressed and very satisfied.

– Rendle Rai S. Cua, Maintenance S. Manager

 JFE MINERAL COMPANY, LTD.



Premesy

Preload measurement system that detects preload-equivalent axial displacements in rolling bearings



[Product page](#)



Condition Monitoring Services

Remote service, OPTIME expert service, troubleshooting, inspections, and endoscopies



[Product page](#)

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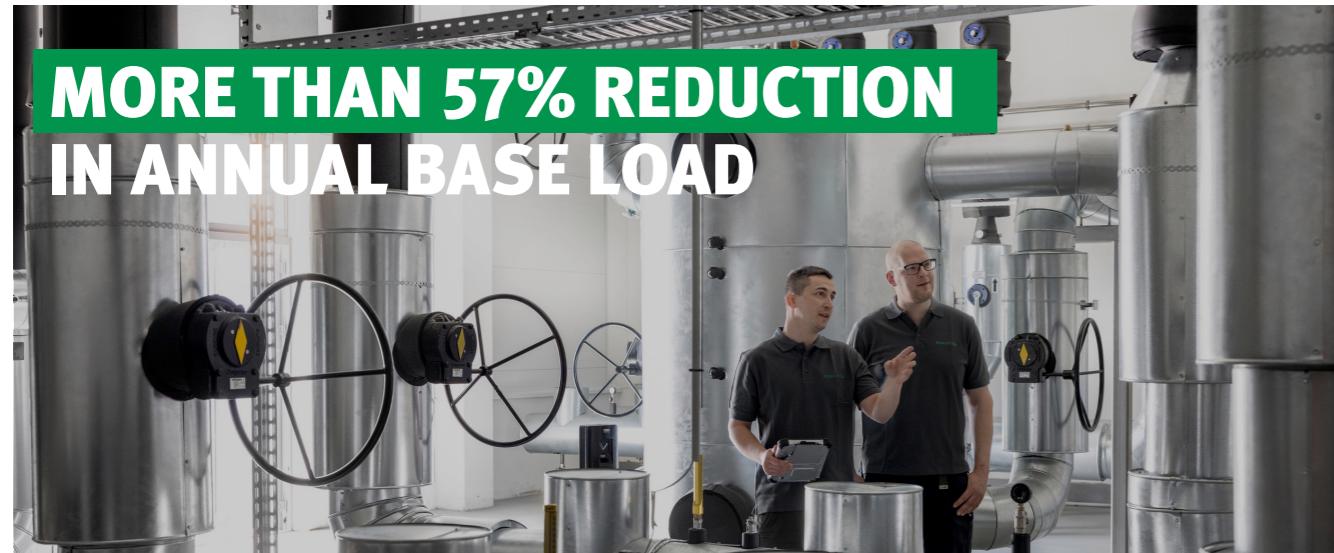
Customer testimonial

With the OPTIME Ecosystem, we have achieved the highest level of maintenance. OPTIME Ecosystem – I like it!

– Baris Yayli, Maintenance Manager



Energy monitoring



Power-Adapt

More transparency with an energy monitoring system, which warn, compare, calculate, analyze, and run automatically

Having all energy data and data from other sensors or sources at a glance is really great.

– Lionel Bernard, Project Manager, France



[› Product page](#)



**Smurfit
Westrock**

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Remanufacturing



New bearing or bearing remanufacturing?

There are good reasons for both installing a new bearing and remanufacturing existing bearings. It is difficult to determine when it is worthwhile to remanufacture a bearing and when it is not. Existing bearings are often replaced with new ones, even though they can be restored to like-new condition through professional reconditioning. Remanufacturing experts can help you improve your carbon footprint, reduce costs, and keep your machines running with short delivery times—and that's true for almost every industry.

Example from the marine sector

1

In 2014, Schaeffler delivered spherical plain bearings for the lever arms in long-term packaging

2

After 10 years in service, the spherical plain bearings showed clear signs of wear and were remanufactured by Schaeffler

3

Just like new – spherical plain bearings after remanufacturing



[More information and contact details](#)



[› Product page](#)



Schaeffler Trainings Campus – Motion. Expertise. Value – Your gate to professional development

Practical training and web seminars for industry: Acquire basic and expert knowledge, product-related or product-independent, in on-demand, live, or hybrid training courses in many languages. For maintenance personnel, engineers, business people, and technicians. Customized training courses are also available.



Rolling and plain bearings

Training courses on general fundamentals and advanced concepts, as well as practical assembly training



Linear systems

Training courses on monorail systems, rollers, and shaft guides



Maintenance solutions

Product and technology training



Engineering Tools

Training courses on tools that help optimize designs in applications



At the leading edge

Certification training courses on condition-based machine monitoring up to Category III and ISO lubrication



[Schaeffler Trainingscampus](#)

Applications



Paper mill: OPTIME CM does well in motor monitoring



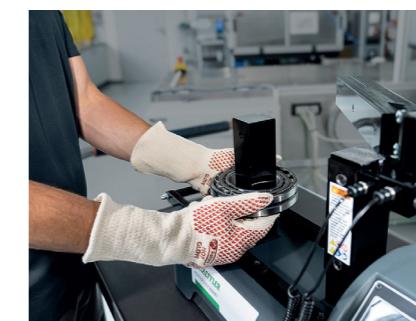
Logistics center: SmartCheck monitors rack feeder motors



Industry: CONCEPT1 lubricates umpteen motors



Cement: OPTIME C1 lubricates with pinpoint accuracy and, thanks to smart technology, always indicates the status on a (mobile) end device regardless of location



Industry: through gentle inductive heating, HEATERs prevent damages such as uneven running, fractures or abrasion marks



Industry: LASER-EQUILIGN2 always ensures professional alignment of your machines thanks to single laser technology

Customer Success Stories



Thanks to an intelligent condition monitoring solution, Contargo Rhein-Neckar has the dynamic conditions of its container cranes under control.



MVM Mátra Energia reduces maintenance work, grease consumption, and CO2 emissions with high-quality greases and lubricators.



Thanks to the Condition Monitoring Service experts, thyssenkrupp Steel Europe prevented an unplanned and high-cost gearbox failure.



[Read the story](#)



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