

**SCHAEFFLER**

We pioneer motion

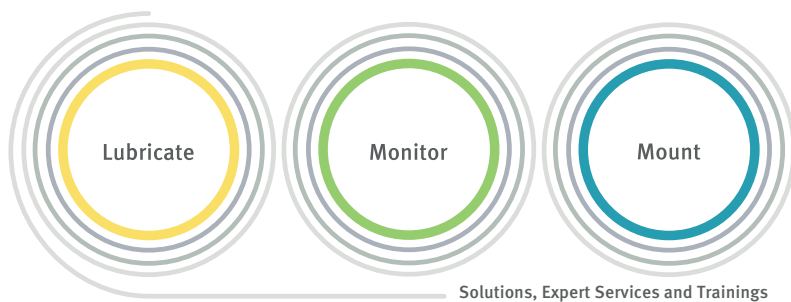
# **SCHAEFFLER LIFETIME SOLUTIONS**

Keep your machines rolling





# Schaeffler Lifetime Solutions



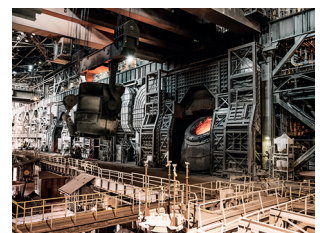
From mounting to condition monitoring and smart lubrication: our products, solutions and services work together to eliminate up to 100 % of all machine failures.

## Keep your machines rolling

Your machines are running smoothly – and you can keep them going that way with Schaeffler Lifetime Solutions. Designed with maintenance teams and plant managers in mind: the portfolio offers you everything you need to ensure that uninterrupted rhythm in your workshops and plants. This applies to all industries.



› [Schaeffler Lifetime Solutions](#)



- › 27 YEARS OF CONDITION MONITORING EXPERTISE
- › 75 YEARS OF BEARING TECHNOLOGY EXPERIENCE
- › 75 YEARS OF EXPERTISE IN PLANT OPERATION

# Monitor

## Condition Monitoring (CM) & Digital Services



Condition Monitoring solutions at a glance [› Link](#)



### Schaeffler OPTIME CM

Monitoring solution for hundreds of rotating machines



[› Product page](#)



### Schaeffler ProLink CMS

Monitoring solution for multiple machines critical for production



[› Product page](#)



### Schaeffler SmartCheck

Monitoring solution for individual machines critical for production



[› Product page](#)



### Schaeffler GreaseCheck

For monitoring bearings lubricated with grease. It provides reliable data on the grease condition inside the bearing.



[› Product page](#)



### Schaeffler Premesy

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



[› Product page](#)

## Awards

### Premesy

2021 Wind Future Award

### OPTIME CM

2020 Industry 4.0 Innovation Award

2021 Red Dot Award

2021 Business Brilliance Award (UK)

2021 IDEA Award (US)

2021 BSB Award

2021 Manufacturer Excellence Award

### SmartCheck

2018 Predictive Maintenance Concept

2013 IEN Europe Award



# Lubricate

## Lubricators and Lubricants



Lubrication solutions at a glance [Link](#)



### Schaeffler OPTIME C1

Lubricator that alerts via app when a lubrication point requires attention



[Product page](#)



### Schaeffler CONCEPT1

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



[Product page](#)



### Schaeffler CONCEPT2/4/8

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



[Product page](#)

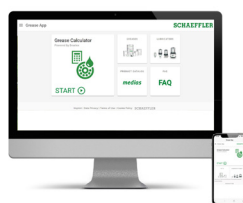


### Schaeffler Arcanol

17 Premium Arcanol quality greases (100% quality control) for different application areas



[Product page](#)



### Schaeffler Grease App

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



[Product page](#)

### Schaeffler OPTIME C1 adapter

You want to stick with your old cartridge supplier – but still bring fresh momentum into your machines? While enjoying all the possibilities offered by the world's first truly smart lubricator?

The adapter works with device types of the following manufacturers:

**perma-tec:** FLEX, FLEX PLUS, NOVA

**SKF:** System 24 LAGD

**NTN:** READY BOOSTER, SMART BOOSTER

**Klüber:** KlübermaticFLEX, KlübermaticNOVA

### Cartridge compatibility:

Cartridge sizes: 60 ml, 125 ml

**OPTIME C1 adapter**

**OPTIME C1**



# Mount & Services

Mounting, Dismounting, Alignment & Services



Maintenance tools & services at a glance [› Link](#)



## Schaeffler tools

Mechanical, hydraulic and thermal tools, testing equipment and other auxiliary devices. Here: HEATER



[› Product page](#)



## Schaeffler alignment systems

Belt alignment device, belt tension meter and shaft alignment device



[› Product page](#)



## Schaeffler trainings

Product trainings, certification trainings, machine diagnostics for different applications



[› Product page](#)



## Schaeffler services

Troubleshooting, inspections, remote service, endoscopies and asset integrity management



[› Product page](#)



# Schaeffler Lifetime Solutions

## In application



Condition monitoring solution  
Paper mill: OPTIME CM does well in engine monitoring



Condition monitoring solution  
Logistics center: SmartCheck monitors rack feeder motors



Lubrication solution  
Industry: CONCEPT1 lubricates umpteen motors



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



Industrial tools – Assembly  
Industry: through gentle inductive heating, HEATERS prevent damages such as uneven running, fractures or abrasion marks.



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



# Schaeffler Lifetime Solutions

## Customer Success Stories



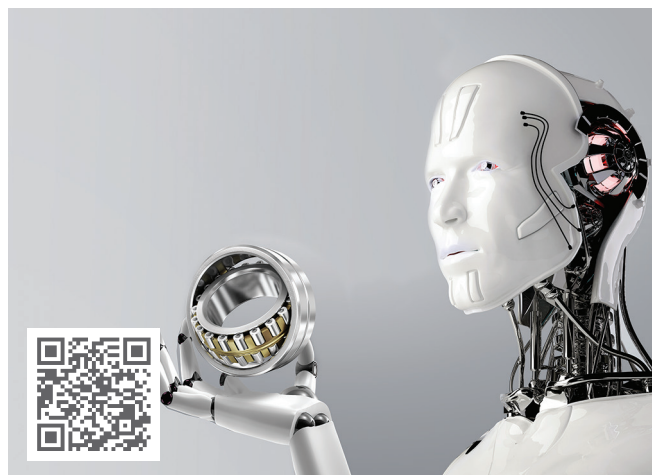
**62 tons less CO<sub>2</sub> emissions, savings of up to 145,000 Euro**  
Sustainable concept – monitoring and lubrication solution with ProLink CMS and CONCEPT8 on a fan



**Dongfang Electric Corporation saves 1 million Euro**  
thanks to optimal lubrication with Arcanol Load460 in the shaft bearing



**Approximately 90 machines failures less per year**  
thanks to comprehensive vibration monitoring solution with OPTIME CM



**Lucrative business model for service providers**  
The OPTIME monitoring solution makes service operations easier



**Just one avoided mill failure saves 47,000 Euro**  
Keep a close eye on the filling quantity of the lubricator, regardless of location



**Easy setup - immediate failure identification with Condition Monitoring**  
saves Lehigh Hanson approximately \$15,000 per prevented shutdown.

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