



Speciality lubricants with  
***automatic  
relubrication***

www.oks-germany.com



***THERE ARE  
MORE IMPORTANT THINGS TO DO.***

***ChronoLube***  
  
***System***

Speciality Lubricants  
Maintenance Products

## **PREVENT DAMAGE – REDUCE COSTS**

Electromechanical lubrication systems from OKS.  
Automatic and independent of temperature.



ChronoLube is the ideal combination of OKS speciality lubricants with an electromechanical lubricator. This enables the automatic supply of lubricating points with oil and grease. And that in the dosage you require and at the right time – without under or over-lubrication.

Simply install the ChronoLube Drive together with the suitable ChronoLube Cartridge at the lubricating point and set the dispensing time (1/3/6/12 months) in accordance with your requirements.

For food processing applications, the ChronoLube System is available in combination with the OKS 3760 and OKS 479. Additional food processing lubricants in the ChronoLube System are available on request.

### **ChronoLube, the ideal lubrication system for:**

- Roller bearings
- Plain bearings
- Chains
- Open gears
- etc.

### **Highlights**

- Operating temperature  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$
- Continuous fill level monitoring with transparent housing
- 4 dispensing types can be set (1, 3, 6 or 12 months)
- Dispensing duration individually adjustable when changing cartridge
- Display of operating state with LED display (e.g. operation, empty, fault)
- Reusable drive
- Replaceable battery set

**ChronoLube**  
OKS 3760

Simple installation at the lubricating point

Speciality lubricants from OKS

**ChronoLube**  
Drive

Battery-powered drive

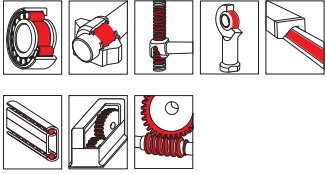
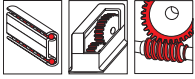
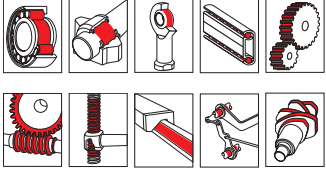

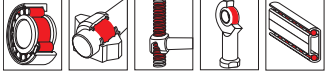
ChronoLube Cartridge easily replaceable by screwing drive unit on and off

After setting the dispensing time, an additional check of the operating state takes place with the integrated LED display.

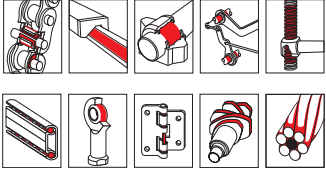
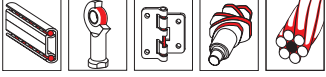
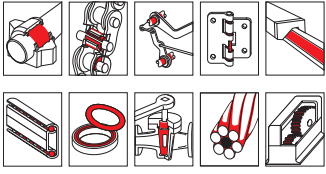



## OVERVIEW OF CHRONOLUBE SPECIALITY LUBRICANTS FROM OKS

### Greases

Product	Designation	Fields of Application	Purpose
<b>OKS 420</b>	High-temperature multipurpose grease		Impact and pressure-resistant, highly adhesive. Lubricates, seals and dampens noises. Also for slowly running, heavily loaded gears which are insufficiently sealed off.
<b>Mo<sub>2</sub>-Active</b>	DIN 51 502: KP2P-10		
<b>OKS 422</b>	Universal grease for long-term lubrication		High-performance product for extreme loads, such as pressure, low and high temperatures, high rotating speeds and the influence of water.
	DIN 51 502: KPHC2R-40		
<b>OKS 479</b>	High-temperature grease for food processing technology		Long operating times even at high temperatures. Also for moulded parts of elastic rubber materials in the cold and hot-water segment. Resistant to all alkali and acid disinfectants and cleaning agents.
	DIN 51 502: KPFHC1P-20		

### Oils

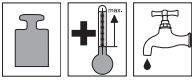
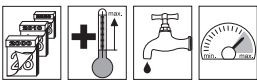

Product	Designation	Fields of Application	Purpose
<b>OKS 352</b>	High-temperature oil, light-coloured, synthetic		Clean lubrication. Minimal evaporation. Leaves no residues. No tendency to drip. Also resistant to steam.
	ISO VG 320 DIN 51 502 CLP E 320		
<b>OKS 3760</b>	Multipurpose oil for food processing technology		For universal use due to excellent long-term lubrication and high adhesive strength. Tasteless, odourless.
	ISO VG 100 DIN 51 502: CL HC 100		

## Accessories for optimum installation.



When using oils (OKS 352, OKS 3760), an oil throttle is required. Whether it's a matter of hard-to-reach lubricating point, heavy vibrations or extremely high ambient temperatures, OKS can provide you with the right accessories. We'll be happy to advise you on selecting attachment and accessory parts.



**Greases**

Properties / Approvals	Main components	Technical Data	Packaging
	light-coloured/ Mo <sub>x</sub> -Active organic thickener, mineral oil	Temp. range: -10°C → +160°C NLGI class: 1-2 DN value (d <sub>m</sub> x n): 300.000 mm/min Base oil viscosity (40°C): 460 mm <sup>2</sup> /s VKA test (welding load): 3.200 N	120 cm <sup>3</sup> CL-cartridge
	light-coloured/ barium-complex soap, PAO	Temp. range: -40°C → +180°C NLGI class: 2 DN value (d <sub>m</sub> x n): 800.000 mm/min Base oil viscosity (40°C): 50 mm <sup>2</sup> /s VKA test (welding load): 4.000 N	120 cm <sup>3</sup> CL-cartridge
 NSF H1 Reg. No. 135675	light-coloured/ aluminium-complex soap, PAO	Temp. range: -25°C → +160°C NLGI class: 1 DN value (d <sub>m</sub> x n): 350.000 mm/min Base oil viscosity (40°C): 400 mm <sup>2</sup> /s VKA test (welding load): 2.200 N	120 cm <sup>3</sup> CL-cartridge

**Oils**

Properties / Approvals	Main components	Technical Data	Packaging
	light-coloured/ additives, ester	Temp. range: -40°C → +250°C ρ = 0,93 g/ml	120 cm <sup>3</sup> CL-cartridge
 NSF H1 pending	colourless/ additives, PAO	Temp. range: -35°C → +135°C ρ = 0,93 g/ml	120 cm <sup>3</sup> CL-cartridge



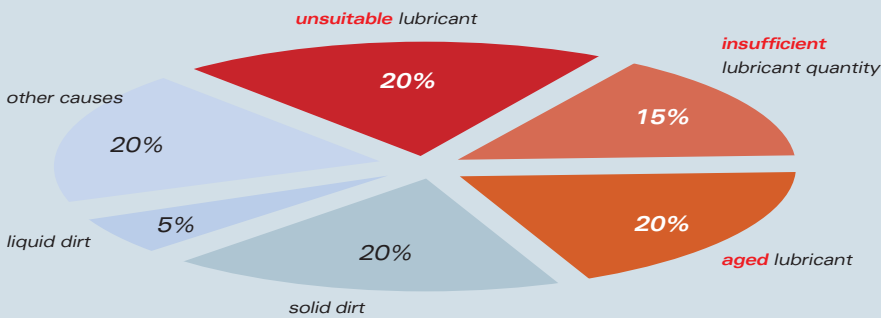


# LONGER LIFE OF PRODUCTION SYSTEMS

With ChronoLube damage can be prevented which can otherwise result in extremely high costs.

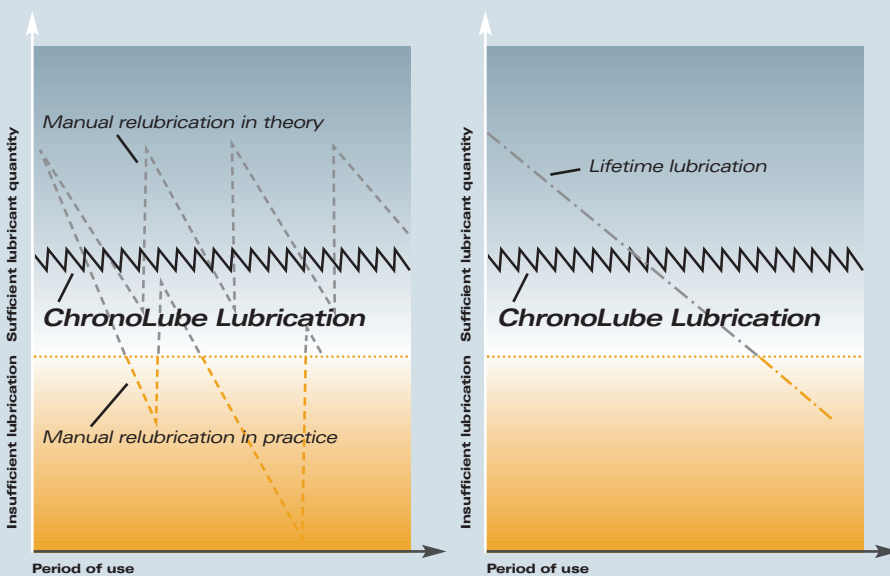


## Causes of failure of roller bearings



Continuous, automatically controlled lubrication by ChronoLube mainly prevents: annoying, expensive production downtimes. Thanks to precise, individually adjusted lubricant dosage, a sudden standstill or frequent maintenance intervals due to poor lubrication are now a thing of the past.

## Lubrication systems in comparison



ChronoLube is highly superior to manual relubrication and lifetime lubrication with regard to precision and reliability.

## The OKS ChronoLube System at a glance.

**Drive:** electromechanical via geared motor, reusable, battery set, replaceable ChronoLube Cartridge

**Operating periods:** 1, 3, 6 or 12 months

**Lubricant volume:** 120 cm<sup>3</sup>

**Operating temperature:** -10°C to +50°C

**Pressure build-up:** max. 5 bar



### Demanding users rely on the automatic lubrication systems from OKS:

- |  |   |
|--|---|
| <input type="checkbox"/> Automotive industry         | <input type="checkbox"/> Metal-working industry   |
| <input type="checkbox"/> Printing and paper industry | <input type="checkbox"/> Pharmaceuticals industry |
| <input type="checkbox"/> Basic industry              | <input type="checkbox"/> Steel industry           |
| <input type="checkbox"/> Power plants                | <input type="checkbox"/> Textile industry         |
| <input type="checkbox"/> Plastics industry           | <input type="checkbox"/> Wind energy              |
| <input type="checkbox"/> Food processing industry    | <input type="checkbox"/> etc.                     |

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## CONSULTING AND SALES

**ChronoLube**  
  
**System**

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Speciality Lubricants  
Maintenance Products