

Here a selection of other  
OKS products

**OKS 2650**

**BIOlogic Industrial Cleaner,  
water-based concentrate**

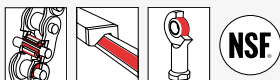
Aqueous cleaner for removing heavy oily, greasy and sooty soiling. Biodegradable. Good separation behaviour. Gentle to delicate surfaces. For universal use in industry, workshop and food processing technology.



**OKS 3570 / OKS 3571\***

**High-Temperature Chain Oil  
for Food Processing Technology**

Lubrication of chains, hinges, joints, clamping and drying frames or slideways at higher temperatures. For conveying systems in painting, stoving and drying systems of the packaging and food processing industry.



**OKS 252**

**White High-Temperature Paste  
for Food Processing Technology**

Lubrication of screws, bolts and sliding surfaces that are subjected to high pressures, high temperatures at low speeds or oscillating movements. Prevents burning together and rusting on. Metal-free. Highly adhesive. Universal high-temperature assembly paste.



\*Aerosol version

Over 150 high-performance products  
from one supplier

- Pastes** for easy assembly and dismantling
- Oils** with high-performance additives for reliable lubrication
- Greases** for long-term lubrication under critical operation conditions
- Dry lubricants** – the alternative for special application cases
- Corrosion protection** for reliable preservation during storage and shipping
- Maintenance products** for ongoing service
- Cleaners** for thorough removal of soiling and lubricant residues

For your company's individual lubrication requirements please contact OKS.

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The fully synthetic grease for  
**extreme operating conditions**

**OKS 480 WATERPROOF  
HIGH-PRESSURE GREASE FOR  
FOOD PROCESSING TECHNOLOGY**

104803000 1402 En 4.4.1.0  
Concept / Realization: www.ki-te-marketing.de

CONSULTING AND SALES

For a world in motion

Speciality Lubricants  
Maintenance Products

The fully synthetic grease for extreme operating conditions

### Purpose

Calcium-sulphonate complex grease for high loads and pressures and under water influence for applications in food processing technology.

- Rolling and friction bearing lubrication, even at high temperatures
- Lubrication for bearings with contact to cleaning agents or disinfectants
- For mechanical units such as levers, joints and hinges, also under strong water effect

### Properties

- Excellent wear protection and very good high-pressure properties
- High shear stability prevents thinning out of the grease under extreme mechanical loads such as vibrations
- Excellent water resistance and very good corrosion protection
- Broad temperature application range
- High temperature and oxidation stability
- Very high resistance to water-alkaline or acidic disinfectants and cleaning agents

### Fields of application



Roller bearings



Friction bearings



Pivoting bearings



Spindles

### Properties / Approvals



Effects of water



Heavy loading

Analogue DIN 51 502: KPHC2P-30  
NSF H1 Reg. No. 148971



### Technical data

Operating temperature: -30°C → +160°C  
NLGI grade: 2  
DN factor: 400,000 mm/min  
Base oil viscosity (40°C): 100 mm<sup>2</sup>/s  
Four-ball test rig (welding load): 4.000 N

### Main components

Cream-coloured  
Polyalphaolefin (PAO)  
Calcium sulphonate complex soap

### OKS 480 packaging

400 ml cartridge  
1 kg tin  
5 kg hobbock  
25 kg hobbock

### Application examples

#### 1 Lubrication of roller bearings in the manufacturing of high-quality food packagings

Packaging of foods should protect these during transportation and storage. Since the packaging has direct contact with the food, legislators have naturally also passed corresponding requirements for the lubrication of the production machines. NSF H1 certified lubricants fulfil these requirements worldwide. A manufacturer of high-quality carton packages for food processing technology therefore places his trust in OKS 480 to lubricate all printing machine roller bearings. The excellent wear protection under high loads was decisive in the decision for OKS 480.

#### 2 Lubrication of roller bearings in the filling of canned fish products

Shortly before the canned fish is closed the sauce is filled in. Due to the rapid movements of the filling machine the sauce is spilled over the complete working area of the filling and sealing machine. Since it is not possible to protect all the machine parts effectively, sauce can also enter the bearings of the sealing units. The excellent resistance of OKS 480 against aqueous media such as cleaners extends the relubrication intervals and thus reduces the maintenance work.



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