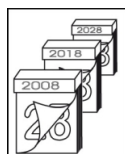
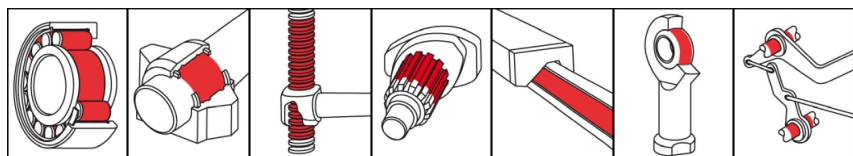


## OKS 400

### MoS<sub>2</sub> Multipurpose High-Performance Grease



#### Description

OKS 400 is a multipurpose high-performance grease with MoS<sub>2</sub> for universal use.

#### Applications

- Lubrication of parts subject to high levels of stress such as plain, roller and rod-end bearings, spindles and guideways

#### Branches

- Iron and steel industry
- Municipal services
- Rubber and plastic processing
- Logistics
- Chemical industry
- Plant and machine (tool) engineering
- Glass and foundry industry
- Rail vehicle technology
- Paper and packaging industry
- Shipbuilding and marine technology

#### Advantages and benefits

- Highly suitable for high-stressed lubrication points
- Highly effective caused by optimal combination of components
- Saving of maintenance and lubrication costs by reducing downtimes and corrective maintenance
- Reduction of down times due to wear

#### Application tips

For highest effectiveness, carefully clean the lubrication point, for example with OKS 2610 or OKS 2611 universal cleaner. Before filling for first time, remove anticorrosion agent. Fill bearing such that all functional surfaces are certain of being greased. Fill normal bearings up to about 1/3 of the free space inside the bearing. Low-speed bearings (DN value below 50 000) and their housings should be filled completely. The bearing and machine manufacturer's instructions should be observed. Subsequent lubrication at the lubrication nipples by grease gun or by automatic lubrication system. Assess the lubrication frequency and quantity on basis of service conditions. If old grease cannot be removed, restrict the quantity of grease so as to avoid overlubricating the bearing. If lubrication frequencies tend to be low, you should aim for a full grease change. Only mix with suitable lubricants.

#### Packaging

- |                    |                |                 |
|--------------------|----------------|-----------------|
| • 80 ml Tube       | • 1 kg Can     | • 25 kg Hobbock |
| • 400 ml Cartridge | • 5 kg Hobbock | • 180 kg Drum   |

# OKS 400

## MoS<sub>2</sub> Multipurpose High-Performance Grease

### Technical data

|                                           | Standard     | Conditions              | Unit               | Value            |
|-------------------------------------------|--------------|-------------------------|--------------------|------------------|
| <b>Main components</b>                    |              |                         |                    |                  |
| base oil                                  |              |                         |                    | mineral oil      |
| thickener                                 |              |                         |                    | lithium soap     |
| solid lubricants                          |              |                         |                    | MoS <sub>2</sub> |
| additives                                 |              |                         |                    | EP additives     |
| <b>Application related technical data</b> |              |                         |                    |                  |
| marking                                   | DIN 51 502   | DIN 51 825              |                    | KPF2K-30         |
| Viscosity base oil                        | DIN 51 562-1 | at 40°C                 | mm <sup>2</sup> /s | 100              |
| Viscosity base oil                        | DIN 51 562-1 | at 100°C                | mm <sup>2</sup> /s | 11               |
| drop point                                | DIN ISO 2176 |                         | °C                 | approx. 180      |
| consistency                               | DIN 51 818   | DIN ISO 2137            | NLGI grade         | 2                |
| worked penetration                        | DIN ISO 2137 | 60DH                    | 0.1 mm             | 265-295          |
| lower operating temperature               | DIN 51 805   | ≤ 1,400 hPa             | °C                 | -30              |
| upper operating temperature               | DIN 51 821-2 | F50 (A/1500/6000), 100h | °C                 | 120              |
| colour                                    |              |                         |                    | black            |
| density                                   |              | at 20°C                 | g/cm <sup>3</sup>  | 0.9              |
| water resistance                          | DIN 51 807-1 | 3h/90°C                 | Degree             | 1-90             |
| DN value (dm x n)                         |              |                         | mm/min             | 300,000          |
| four-ball test rig welding load           | DIN 51 350-4 |                         | N                  | 3,600            |
| SKF-EMCOR                                 | DIN 51 802   | 7 days, distilled water | corr. degree       | 1                |

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.