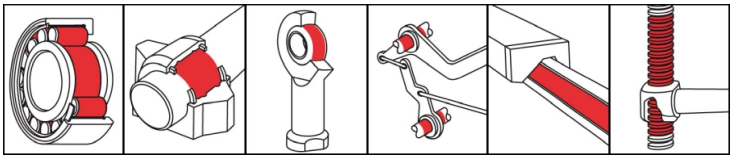
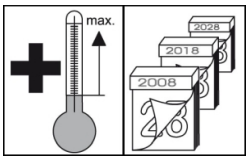
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

# OKS 404

## High-Performance and High-Temperature Grease






### Description

Semi-synthetic lithium complex soap grease with a wide range of applications in a wide range of temperatures.

### Applications

- Lubrication of friction, rolling and pivoting bearings, splined shafts, knockout spindles and sliding surfaces of all kinds under heavy loads and a broad temperature range, as well as all sliding speeds permissible for grease lubrication

### Advantages and benefits

- Modern grease with a wide range of applications
- Supports sealing of bearings
- Good corrosion protection
- Resistant to ageing and oxidation
- Good resistance to pressure and water

### Branches

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

### Application tips

For optimum effect, carefully clean the lubricating point, for example with OKS 2610/OKS 2611 universal cleaner. Before filling for first time, remove anti-corrosion agent. Fill the 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 < 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

- 400 ml Cartridge
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock
- 180 kg Drum

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### Technical data

| | Standard | Conditions | Unit | Value |
|---|---|---|---|---|
| **Main components** | | | | |
| base oil | | | | mineral oil |
| base oil | | | | polyalphaolefine |
| thickener | | | | lithium-complex soap |
| **Application related technical data** | | | | |
| marking | DIN 51 502 | DIN 51 825 | | KP2P-30 |
| Viscosity base oil | DIN 51 562-1 | at 40°C | mm²/s | 100 |
| flashing point | DIN ISO 2592 | > 79 | °C | > 200 |
| drop point | DIN ISO 2176 | | °C | > 260 |
| consistency | DIN 51 818 | DIN ISO 2137 | NLGI grade | 2 |
| worked penetration | DIN ISO 2137 | 60DH | 0.1 mm | 265-295 |
| resistance to oxidation | DIN 51 808 | 100h/100°C | bar | < 0.3 |
| lower operating temperature | DIN 51 805 | ≤ 1,400 hPa | °C | -30 |
| upper operating temperature | DIN 51 821-2 | F50 (A/1500/6000), 100h | °C | 150 |
| maximal operating temperature | | | °C | 200 |
| colour | | | | light-coloured |
| density | DIN EN ISO 3838 | at 20°C | g/cm³ | 0.93 |
| water resistance | DIN 51 807-1 | 3h/90°C | Degree | 1-90 |
| DN value (dm x n) | | | mm/min | 350,000 |
| four-ball test rig welding load | DIN 51 350-4 | | N | 2,800 |
| four-ball test rig wear | DIN 51 350-5 | 1.420/min, 1h, 800N | mm | < 0.8 |
| SKF-EMCOR | DIN 51 802 | | corr. degree | 0 |
| SKF-EMCOR Copper | DIN 51 811 | 24h, 100°C | corr. degree | 1 |

**Klüber Lubrication München GmbH & Co. KG**
Geisenhausenerstraße 7 / 81379 München / Germany / phone +49 89 7876-0