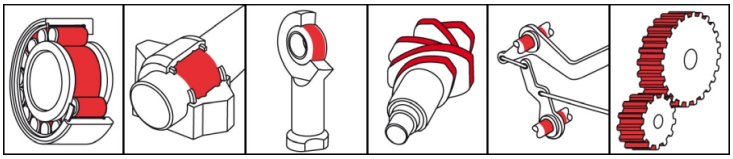
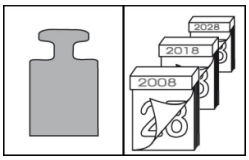


PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

# OKS 433
## Long-Acting High-Pressure Grease






### Description

OKS 433 is a long-life high-pressure grease for friction and rolling bearings.

### Applications

- Lubrication of friction and rolling bearings of all kinds at all permissible speeds and subject to high pressure loads, in particular of heavily loaded rolling and taper roller bearings, e.g. on rolling stands, hot and cold shearing systems, sliding blocks and spindles

### Advantages and benefits

- Excellently suited for long-term lubrication of grease lubricating points subject to heavy loading
- Highly effective due to outstanding EP additives and high resistance to water

### Branches

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

### Application tips

For best results clean the lubrication point with OKS 2610/ OKS 2611 Universal Cleaner. Remove the corrosion protection media before initial filling. Fill the bearings in a way that all the functional surfaces are lubricated sufficiently. Slow moving bearings (DN-value < 50,000) should be filled completely, normal moving bearings should be filled to 1/3 of the free inner housing space. Observe the instructions of the bearing or machine manufacturer. Relubrication with a grease gun through the grease nipples or with an automatic lubrication system. Relubrication intervals and amount to be defined acc. to the service conditions. If the removal of the old grease is not possible, the amount of grease has to be limited to avoid excess lubrication of the bearing. For longer relubrication intervals, a complete exchange of the old grease is recommended. Mix with appropriate lubricants only.

### Packaging

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


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# OKS 433
## Long-Acting High-Pressure Grease

### Technical data

| | Standard | Conditions | Unit | Value |
|---|---|---|---|---|
| **Main components** | | | | |
| base oil | | | | mineral oil |
| thickener | | | | lithium hydroxystearate |
| **Application related technical data** | | | | |
| marking | DIN 51 502 | DIN 51 825 | | KP2K-20 |
| Viscosity base oil | DIN 51 562-1 | at 40°C | $mm^2/s$ | 185 |
| Viscosity base oil | DIN 51 562-1 | at 100°C | $mm^2/s$ | 14 |
| pour point | DIN ISO 3016 | 3°C step | °C | < -20 |
| flashing point | DIN ISO 2592 | > 79 | °C | > 200 |
| drop point | DIN ISO 2176 | | °C | > 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 | -20 |
| upper operating temperature | DIN 51 821-2 | F50 (A/1500/6000), 100h | °C | 120 |
| maximal operating temperature | | | °C | 140 |
| colour | | | | red-brown |
| density | DIN EN ISO 3838 | at 20°C | $g/cm^3$ | 0.93 |
| water resistance | DIN 51 807-1 | 3h/90°C | Degree | 1-90 |
| DN value (dm x n) | | | mm/min | 400,000 |
| four-ball test rig welding load | DIN 51 350-4 | | N | 2,600 |
| SKF-EMCOR | DIN 51 802 | 7 days, distilled water | corr. degree | 0 |
| SKF-EMCOR Copper | DIN 51 811 | 24h, 100°C | corr. degree | 1 |
| **Properties and approvals** | | | | |
| UFI | | | | 6CX1-40WK-500Q-3YAV |

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