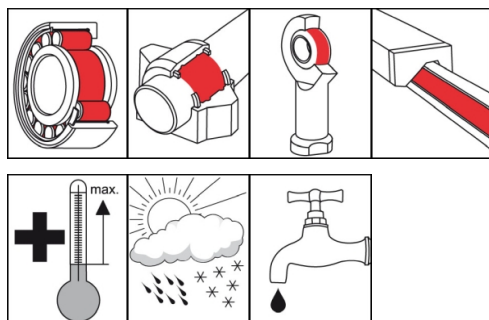


# OKS 432

## High Melting-Point Grease



### Description

OKS 432 is a readily dispensable high melting-point grease for rolling and friction bearings and similar components in humid environments, under high stress loads and at high temperatures.

### Applications

- For lubricating rolling and friction bearings at high temperatures, under high stress loads and in damp environments, such as hot air fans, converters, casting pans, sintering plants, and conveying systems exposed to heat in the iron and steel industry Long-life lubrication of excavating and construction machines in humid environments

### Branches

- Iron and steel industry
- Shipbuilding and marine technology
- Municipal services
- Paper and packaging industry
- Plant and machine (tool) engineering
- Logistics
- Chemical industry

### Advantages and benefits

- Prolonged component life span thanks to effective wear protection and excellent pressure absorption capacity
- Reliable protection for bearings in humid environments due to effective corrosion protection in combination with effective adhesion and resistance to water
- Optimum supply to bearings thanks to excellent dispensing capacity, even at high temperatures, without the grease solidifying in the lubrication lines
- Environmentally friendly formula with no chlorine or heavy metals

### Application tips

For best results clean the lubricating point carefully, e.g. with OKS 2610/OKS 2611 Universal Cleaner. Remove the corrosion protection ahead of the initial filling. Fill the bearings in a way that all the functional surfaces for sure get the grease. 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 on to 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. At longer relubrication intervals a complete exchange of the old grease is recommended. Only mix with appropriate lubricants.

### Packaging

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

# OKS 432

## High Melting-Point Grease

### Technical data

|                                           | Standard               | Conditions              | Unit               | Value                  |
|-------------------------------------------|------------------------|-------------------------|--------------------|------------------------|
| <b>Main components</b>                    |                        |                         |                    |                        |
| base oil                                  |                        |                         |                    | mineral oil            |
| thickener                                 |                        |                         |                    | aluminium-complex soap |
| <b>Application related technical data</b> |                        |                         |                    |                        |
| marking                                   | analogue to DIN 51 502 | DIN 51 825              |                    | KP2N-10                |
| viscosity (at 40°C)                       | DIN 51 562-1           | base oil                | mm <sup>2</sup> /s | 500                    |
| viscosity at (100°C)                      | DIN 51 562-1           | base oil                | mm <sup>2</sup> /s | 32                     |
| flashing point                            | DIN ISO 2592           | > 79                    | °C                 | > 200                  |
| drop point                                | DIN ISO 2176           |                         | °C                 | ≥ 230                  |
| 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                 | -15                    |
| upper operating temperature               | DIN 51 821-2           | F50 (A/1500/600), 100h  | °C                 | 150                    |
| maximal operating temperature             |                        |                         | °C                 | 200                    |
| colour                                    |                        |                         |                    | brown                  |
| density (at 20°C)                         | DIN EN ISO 3838        |                         | g/cm <sup>3</sup>  | 0.92                   |
| water resistance                          | DIN 51 807-1           | 3h/90°C                 | Degree             | 1-90                   |
| DN value (dm x n)                         |                        |                         | mm/min             | 200,000                |
| four-ball test rig welding load           | DIN 51 350-4           |                         | N                  | 2,800                  |
| SKF-EMCOR                                 | DIN 51 802             | 7 days, distilled water | corr. degree       | 0-1                    |
| <b>Properties and approvals</b>           |                        |                         |                    |                        |
| UFI                                       |                        |                         |                    | VPD1-Y00J-R00Q-RR9C    |

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