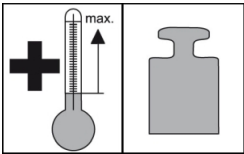
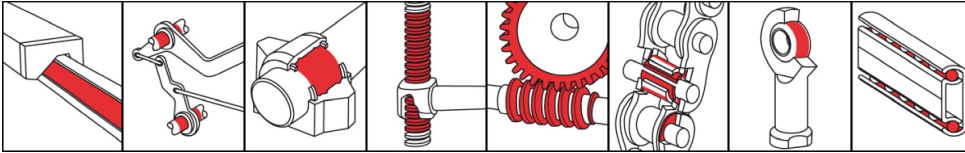


# OKS 310

## MoS<sub>2</sub> High-Temperature Lubricant



### Description

OKS 310 is a high-temperature oil with MoS<sub>2</sub> for lubrication of machine elements up to +450°C.

### Applications

- Lubrication of friction and rolling bearings, chains, joints or slideways at higher temperatures
- For conveying systems under radiation heat in painting, stoving and drying systems, travelling grates in firing systems
- Dry lubrication at temperatures above 200°C
- Lubrication of elastomers and plastics not resistant to mineral oil

### Advantages and benefits

- Highly suitable as a high-temperature lubricant
- Very effective due to finest, homogeneous MoS<sub>2</sub> distribution in the oil
- Resistant to water and many chemicals, fuels, lubricants and hydraulic oils

### Branches

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

### Application tips

For best adhesion, clean the surfaces. Best way is to clean mechanically first and then with OKS 2610/OKS 2611 universal cleaner. With a brush, drip oiler or by immersion or using a suitable automatic lubrication system, apply a sufficient quantity to the locations to be lubricated. If at all possible, avoid excess. Observe the machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

### Packaging

- 1 l Bottle
- 5 l Canister
- 25 l Canister

# OKS 310

## MoS<sub>2</sub> High-Temperature Lubricant

### Technical data

|                                           | Standard        | Conditions         | Unit               | Value            |
|-------------------------------------------|-----------------|--------------------|--------------------|------------------|
| <b>Main components</b>                    |                 |                    |                    |                  |
| base oil                                  |                 |                    |                    | polyglycol       |
| solid lubricants                          |                 |                    |                    | MoS <sub>2</sub> |
| <b>Application related technical data</b> |                 |                    |                    |                  |
| viscosity (at 40°C)                       | DIN 51 562-1    |                    | mm <sup>2</sup> /s | 150              |
| viscosity at (100°C)                      | DIN 51 562-1    |                    | mm <sup>2</sup> /s | 27.2             |
| viscosity index                           | DIN ISO 2909    |                    |                    | 220              |
| viscosity class                           | DIN ISO 3448    | DIN 51 562-1, 40°C | ISO VG             | 100              |
| flashing point                            | DIN ISO 2592    | > 79               | °C                 | 240              |
| upper operating temperature               |                 | liquid lubrication | °C                 | 200              |
| maximal operating temperature             |                 | dry lubrication    | °C                 | 450              |
| colour                                    |                 |                    |                    | black            |
| density (at 20°C)                         | DIN EN ISO 3838 |                    | g/cm <sup>3</sup>  | 1                |
| four-ball test rig welding load           | DIN 51 350-2    |                    | N                  | 2,800            |
| four-ball test rig wear                   | DIN 51 350-3    |                    | mm                 | 0.6              |
| <b>Properties and approvals</b>           |                 |                    |                    |                  |
| UFI                                       |                 |                    |                    |                  |

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