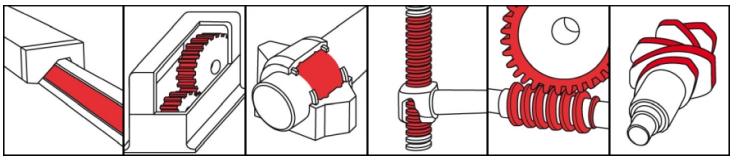
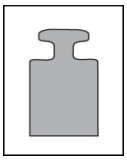


PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

# OKS 300
## $MoS_2$ Mineral Oil Concentrate








### Description

OKS 300 is a $MoS_2$-Mineral Oil Concentrate, an additive to gear, engine and machine oils.

### Applications

- Lubricating oil additive for heavily loaded friction and rolling bearings for increasing the lubricating effect, improving the high-pressure properties and reducing the temperature increase
- Gear oil additive to guard against gearwheel damage Stops pitting and is especially suitable for gearbox designs with a high percentage of sliding
- Engine and compressor oil additive for reduced wear and increased operating safety, as run-in and smoothing lubricant
- Machining oil additive for chip-free or cutting production to increase working speeds and tool life

### Advantages and benefits

- Excellently suited as performance-increasing additive, as additive to bed track oils, engine oils, C/CC oils and slightly alloyed industrial oils
- Highly effective due to finest, homogeneous $MoS_2$ distribution in the oil
- Broad range of uses with many different oils and alone as a high-performance oil
- Lowest friction due to high lubricating effectiveness of MoS2
- Fully stabilised without precipitation, passes through common micro-filters, does not react to magnetic filters

### Branches

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

### Application tips

Shake or stir well before use. Depending on loading, add 1-2% to engine oils and 5-10% to machine- and gear oils. Instructions of the machine manufacturer have to be observed. Mixing will occur in operation. Only mix with appropriate lubricants. Not suitable with water-based lubricants and polyglycol oils.


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# OKS 300
## $MoS_2$ Mineral Oil Concentrate

### Packaging

- 1 l Bottle
- 5 l Canister
- 25 l Canister
- 200 l Drum

### Technical data

| | Standard | Conditions | Unit | Value |
|---|---|---|---|---|
| **Main components** | | | | |
| base oil | | | | mineral oil |
| solid lubricants | | | | $MoS_2$ |
| additives | | | | $Mo_x$-Active |
| **Application related technical data** | | | | |
| viscosity | DIN 51 562-1 | at 40°C | $mm^2/s$ | approx. 90 |
| viscosity class | DIN ISO 3448 | DIN 51 562-1, 40°C | ISO VG | 100 |
| pour point | DIN ISO 3016 | 3°C step | °C | -30 |
| flashing point | DIN ISO 2592 | > 79 | °C | 230 |
| colour | | | | black |
| density | DIN EN ISO 3838 | at 20°C | $g/cm^3$ | 0.92 |
| **Product specific technical data** | | | | |
| particle size | DIN 51 832 | | µm | 0.3 |

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

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.


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