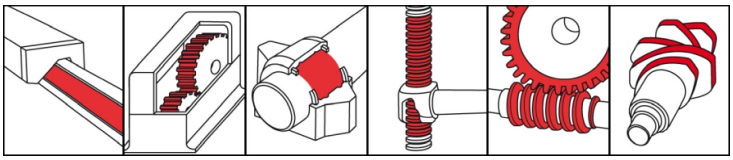
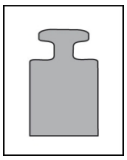
PRODUCT INFORMATION

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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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

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