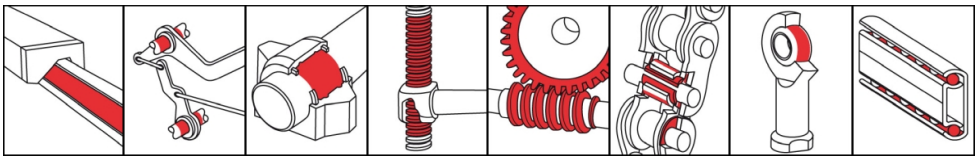
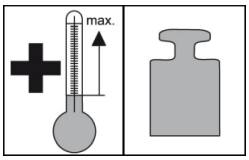
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 310

MoS_2 High-Temperature Lubricant





Description

OKS 310 is a high-temperature oil with MoS_2 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_2 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

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyglycol
solid lubricants				MoS_2
Application related technical data				
viscosity	DIN 51 562-1	at 40°C	mm²/s	150
viscosity	DIN 51 562-1	at 100°C	mm²/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	DIN EN ISO 3838	at 20°C	g/cm³	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
Properties and approvals				
UFI				VCUE-H0GS-K00R-56W5

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