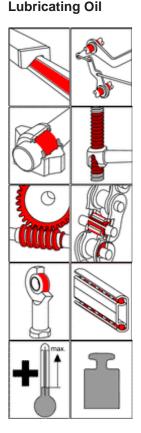


# OKS 310 MoS<sub>2</sub>-High Temperature



## OKS 310 - Product Information

#### Fields of Application:

Lubrication of plain and roller bearings, chains, joints or slideways at higher temperatures. For conveying systems under radiating heat, in painting, stoving and drying systems of the ceramics industry, e.g. brickworks, glassworks, in foundries, steelworks and rolling mills, travelling grates in firing systems etc. Dry lubrication at operating temperatures above 200 °C. The synthetic oil evaporates without smell and residues, while the solid lubricant components remain and continue dry lubrication. For lubrication of elastomers and plastics which are not resistant to mineral oil.

## **Advantages and Benefits:**

Highly suitable as a high-temperature lubricants. Very effective due to finest, homogeneous  $MoS_2$  distribution in the oil. Resistant to water and many chemicals, fuels, lubricants and hydraulic oils.

### Application:

For best results clean the surface mechanically, then with OKS 2610/OKS 2611 Universal Cleaner. Apply a sufficient amount onto the lubrication areas with brush, drip feed lubrication, by dipping or automated lubrication systems. Avoid excess lubrication. Instructions of the machine manufacturer have to be observed. Relubrication periods should be defined according to the service conditions. For additional questions please contact our Technical Department.

#### **Additional Information:**

Packaging (article number):

- 1 I Tin (00310034)
- 5 I Canister (00310050)
- 25 I Canister (00310062)

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#### **Technical Data**

	Norm	Conditions	Unit	Value
Base Oil				
Туре				Polyglycol
Viscosity	DIN 51 562-1	+40°C	mm²/s	108
Viscosity class	DIN 51 519	DIN 51 562-1, 40°C	ISO VG- class	100
Flash point	DIN ISO 2592	> 79	°C	240
Additives				
Solid lubricants, type				MoS <sub>2</sub>
Application Data				
Density	DIN EN ISO 3838	+20°C	g/ml	1,01
Colour				black
Service Temperatures				
Maximum service temperature		Liquid lubrication	°C	200
Maximum service temperature		Dry lubrication	°C	450
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.800
VBT- wear	DIN 51 350-5	1.420 1/min / 1 h / 800 N	mm	0,6

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