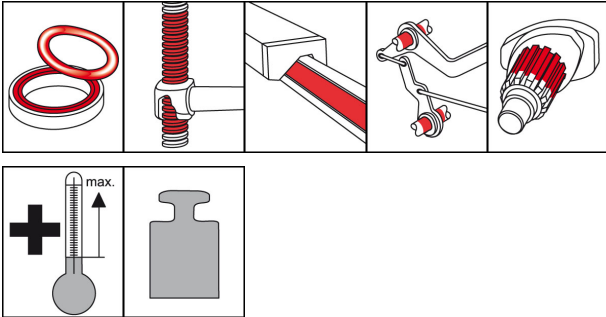


OKS 230 MoS₂ High-Temperature Paste



Description

OKS 230 is a high-temperature paste with MoS₂.

Applications

- Lubrication of temperature-stressed machine parts, e.g. rolling bearings, friction bearings, slideways, chains, rollers or moving parts in hot forming, heat treatment or drying
- Dry lubrication, e.g. of kiln and rack-truck bearings, bearings of pouring ladles, converters or hot-air blowers at temperatures over 250°C
- Lubrication of plastic and rubber at normal temperature when the materials concerned are not resistant to mineral oil

Advantages and benefits

- Highly effective due to the strong affinity of the MoS₂ for metals
- Extremely low friction at highest loading capability
- Broad range of applications at temperatures up to 200°C as paste, over 200°C to 450°C as dry lubricant
- Resistant to water, fuels and lubricants, chemicals and hydraulic fluids

Branches

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



PRODUCT INFORMATION

OKS 230 MoS2 High-Temperature Paste

Application tips

For best adhesion, clean the threads and sliding surfaces from dirt and other lubricants. Best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaner. Apply paste evenly thin onto the sliding areas with brush, spatula, etc. Remove excessing paste. When used for rolling bearings, dab paste in small amount with brush on sliding surface and spin the bearing several times. In operation, relubricate with OKS 310 MoS2 High-temperature lubricant. Do not use paste instead of grease and only mix with appropriate lubricants.

Packaging

- 250 g Can
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

Technical Data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyglycol
solid lubricants				other solid lubricants
solid lubricants				MoS2
thickener				lithium hydroxystearate
Application related technical data				
breakaway torque	DIN 267-27	A2-70, 400°C, 100h	Nm	< 1.2 x tightening torque
colour				black
density (at 20°C)	DIN EN ISO 3838		g/cm ³	1.75
drop point	DIN ISO 2176		°C	> 180
flashing point	DIN EN 22 719	> 79	°C	270
four-ball test rig welding load	DIN 51 350-4		N	3,200
lower operating temperature			°C	-35
press-fit test	draft DIN 51 833		μ	0.11
thread friction coefficient	DIN EN ISO 16 041	screw ISO 4017 M10x55-8.8 black-oxide	μ	0.1
thread friction coefficient	DIN EN ISO 16 041	nut ISO 4032 M10-10 black-oxide	μ	0.1
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	250-280
upper operating temperature		lubrication	°C	180
upper operating temperature		separation	°C	450

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Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com.

Our Customer and Technical service will be pleased to help should you have any further questions.