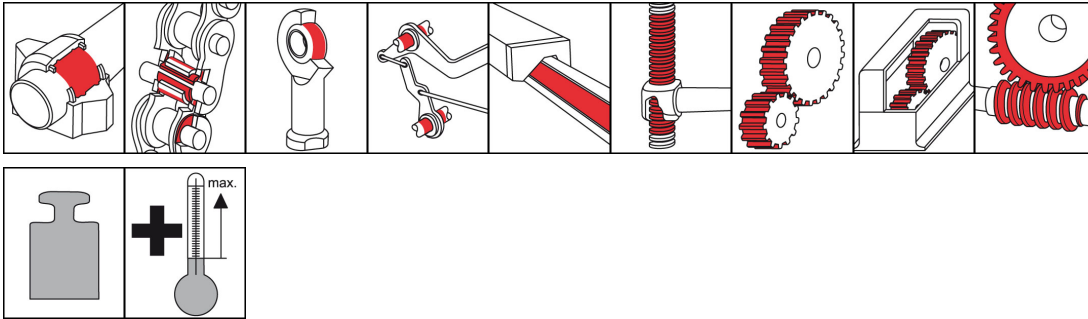


OKS 530

MoS₂ Bonded Coating, water-based, air-drying



Description

OKS 530 is a MoS₂ bonded coating for lubrication of heavily loaded chains when oil and grease lubrication is no longer possible.

Applications

- Dry lubrication with solid lubricants as longer-acting reserve layers in area of low sliding speeds subject to high surface pressures and pre-determined sliding paths
- Wear protection for increased service life of sliding surfaces
- Fully effective even after longer standstills
- Resistant to high temperatures, no adhesion of dust and dirt

Advantages and benefits

- Highly effective due to good adhesion to prepared substrates
- Consistent coefficient of sliding friction under maximum loading of sliding film
- Wear protection of sliding points that can otherwise not be lubricated is possible
- Firmly adhering, pressure and temperature-resistant dry lubricating film

Branches

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

Application tips

For optimum adhesion clean surfaces, first mechanically and then with OKS 2610/OKS 2611 Universal Cleaner. The surfaces must be metallic bright and dry. Chemical or mechanical preparation of the surfaces might considerably improve the service life of the bonded coating. Stir well prior to use. The application preferably is effected by spraying or dipping, in single cases also by brushing a uniform thin film on to the prepared surfaces. Local excess should be avoided. Drying and curing conditions acc. to the following technical data.



PRODUCT INFORMATION

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Packaging

- 1 kg Can
- 5 kg Canister
- 25 kg Canister

Technical Data

	Standard	Conditions	Unit	Value
Main components				
binder				organic binder
solvent				solvent
solvent				water
solid lubricants				graphite
solid lubricants				MoS ₂
Application related technical data				
flashing point	DIN 51 755 (-2)	< 65 (< 5°C)	°C	37
lower operating temperature			°C	-35
upper operating temperature			°C	450
surface covering			m ² /kg	< 15
processing temperature			°C	20-25
drying time		20°C	min	60-120
colour				black
density (at 20°C)	DIN EN ISO 3838		g/cm ³	1.1
thread friction coefficient (μ total)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.05
press-fit test	draft DIN 51 833		μ	0.10, no chatter
Product specific technical data				
dilution				with water, max. 1:1

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