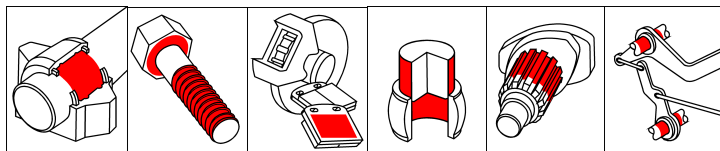


OKS 250 / OKS 2501 White Allround Paste, metal-free



Description

High-temperature paste on ceramic basis for lubricating heavily loaded sliding surfaces.

Applications

- Lubrication of highly stressed sliding surfaces, especially at low slip speeds or with oscillating movements, for example with screwed, mating or bayonet connections made of high-alloy steel or non-ferrous metals
- Surface separation of temperature-stressed threaded connections, for example at combustion engines and turbines
- Corrosion protection at screws, pins, bolts, flanges, spindles and fits
- For stainless-steel connections

Advantages and benefits

- Economic product solution for users who previously used a wide variety of pastes
- Resistant to hot and cold water and also to most acids and lyes
- Excellent corrosion protection
- Contains Mo_x-Active for increased performance
- Metal-free
- Also available as spray version OKS 2501
- NSF H2 registered (only OKS 250)

Main fields of application

- Petrochemical plants
- Steel mills and cement works
- Shipping
- Agricultural machinery

Application tips

To achieve optimal adhesion remove soiling as well as other lubricants from the thread and sliding surfaces. Use a brush, spatula or similar to apply sufficient OKS 250 to the head or nut contact surface and to the thread. Spray on evenly OKS 2501 spray. The paste will also act as a sealant. Caution: Do not use paste instead of grease and mix only with suitable lubricants.

Our customer advice service will be pleased to help should you have any further questions.

PRODUCT INFORMATION

OKS 250 / OKS 2501 White Allround Paste, metal-free

Technical Data

	Standard	Conditions	Unit	Value
Base oil				
Type				Synthetic oil mixture
Thickener				
Type				Polycarbamide
Drop point	DIN ISO 2176		°C	without
Unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	280 - 320
Additives				
Solid lubricants, type				white solid lubricants
Additive				Mo _x -Active
Application-specific data				
Density	DIN EN ISO 3838	20°C	g/cm ³	1.2
Colour				white
Operating temperatures				
Lower operating temperature			°C	-40
Upper operating temperature		Lubrication	°C	200
Upper operating temperature		Separation	°C	1,400
Corrosion protection tests				
Salt spray test	DIN 50 021	Layer thickness 60 µm	h	> 500
Wear protection tests				
Four-ball test rig welding load	DIN 51 350-4		N	3,600
Coefficients of friction				
Press-fit test	Draft DIN 51 833		µ	0.10, no chatter
Thread coefficient of friction	DIN EN ISO 16047	Screw ISO 4017 M10x55-8.8 black-oxide Nut ISO 4032 M10-10	µ	0.12
Thread coefficient of friction	DIN EN ISO 16047	Screw ISO 4017 A2 M10x55-70 Nut ISO 4032 A2 M10-70	µ	0.15
Breakaway torque	DIN 267-27	M10 A2 / 40 Nm / 400°C / 100 h	Nm	< 2.7 x tightening torque
Specifications/Approvals				
Food processing technology		Only OKS 250		NSF H2 Reg. No. 131 379

Packaging

- 10 g tube
- 100 g tube
- 250 g tin
- 1 kg tin
- 5 kg and 25 kg hobstock
- 400 ml spray (OKS 2501)

OKS Spezialschmierstoffe GmbH
 Ganghoferstraße 47
 82216 Maisach, Germany
 Phone: +49 (0) 8142 3051 - 523 and 556
 Fax: +49 (0) 8142 3051 - 923 and 956

info@oks-germany.com
 www.oks-germany.com



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