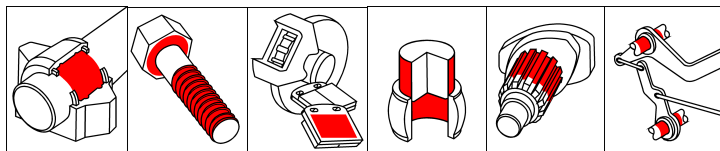


## OKS 250 / OKS 2501 White Allround Paste, metal-free



### 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<sub>x</sub>-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
<b>Base oil</b>				
Type				Synthetic oil mixture
<b>Thickener</b>				
Type				Polycarbamide
Drop point	DIN ISO 2176		°C	without
Unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	280 - 320
<b>Additives</b>				
Solid lubricants, type				white solid lubricants
Additive				Mo <sub>x</sub> -Active
<b>Application-specific data</b>				
Density	DIN EN ISO 3838	20°C	g/cm <sup>3</sup>	1.2
Colour				white
<b>Operating temperatures</b>				
Lower operating temperature			°C	-40
Upper operating temperature		Lubrication	°C	200
Upper operating temperature		Separation	°C	1,400
<b>Corrosion protection tests</b>				
Salt spray test	DIN 50 021	Layer thickness 60 µm	h	> 500
<b>Wear protection tests</b>				
Four-ball test rig welding load	DIN 51 350-4		N	3,600
<b>Coefficients of friction</b>				
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
<b>Specifications/Approvals</b>				
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



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark

**Safety data sheet** for industrial and commercial users is available for downloading under [www.oks-germany.com](http://www.oks-germany.com).