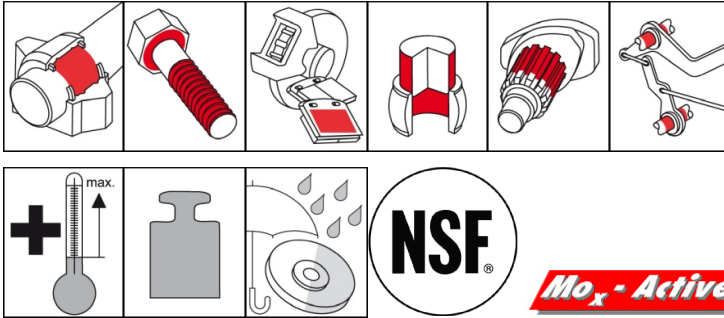


OKS 250 White Allround Paste, metal-free



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

Branches

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

Application tips

For best adhesion, clean contamination and other lubricants from thread and slide surfaces. Best way is to clean mechanically first (for example, with a wire brush) and then with OKS 2610/OKS 2611 universal cleaning agent. Apply sufficient OKS 250 evenly to the head or nut contact surface and to the thread by using a brush, spatula, etc. Do not use paste instead of grease and mix only with suitable lubricants.

OKS 250

White Allround Paste, metal-free

Packaging

- 8 ml Tube
- 80 ml Tube
- 250 g Brush tin
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil mixture
thickener				Polyurea
solid lubricants				white solid lubricants
additives				Mo _x -Active
Application related technical data				
drop point	DIN ISO 2176		°C	without
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	280-320
lower operating temperature			°C	-40
upper operating temperature		lubrication	°C	200
upper operating temperature		separation	°C	1,400
colour				white
density	DIN EN ISO 3838	at 20°C	g/cm ³	1.29
salt spray test	DIN EN ISO 9227	layer thickness 60 µm	h	> 500
four-ball test rig welding load	DIN 51 350-4		N	3,600
Total friction coefficient (µ)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.12
Total friction coefficient (µ)	DIN EN ISO 16 047	Screw ISO 4017 A2 M10x55-70, Nut ISO 4032 A2 M10-70		0.15
breakaway torque	DIN 267-27	M10 A2, 40 Nm, 400 °C, 100 h	Nm	< 2,7 x tightening torque
press-fit test (µ)	draft DIN 51 833			0,10, no chatter
Properties and approvals				
UFI				XD49-303W-W00E-NV8G
approval for food processing technology				NSF H2, Reg.-Nr. 131379

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47

82216 Maisach

☎ +49 8142 3051 - 500

✉ info@oks-germany.com

🏠 www.oks-germany.com

a brand of
 **FREUDENBERG**

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
Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com
Our Customer and Technical service will be pleased to help should you have any further questions.