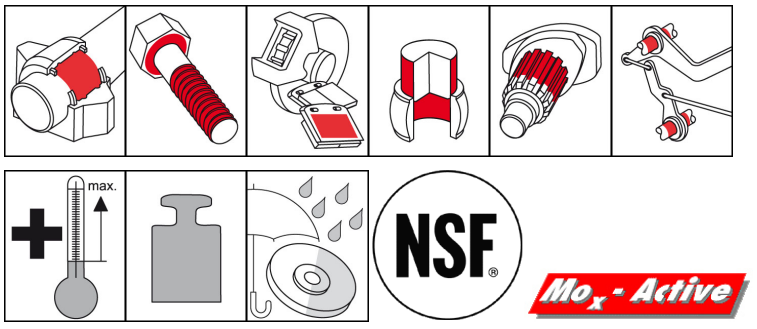
PRODUCT INFORMATION

OKS 2501

White Allround Paste, metal-free, Spray



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

Branches

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

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.

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Packaging

- 400 ml Spray

Technical Data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil mixture
thickener				polycarbamide
solid lubricants				white solid lubricants
additives				Mo_x-Active
Application related technical data				
viscosity at (40°C)			mm^2/s	360
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 (at 20°C)	DIN EN ISO 3838		g/cm^3	1.25
salt spray test	DIN 50 021	layer thickness 60µm	h	> 500
four-ball test rig welding load	DIN 51 350-4		N	3,600
thread friction coefficient (µ total)	DIN EN ISO 16 047	Screw ISO 4017 A2 M10x55-70, Nut ISO 4032 A2 M10-70		0.12
thread friction coefficient (µ total)	DIN EN ISO 16 047			0.15
breakaway torque	DIN 267-27	M10 A2, 40 Nm, 400°C, 100h	Nm	< 2.7 x tightening torque
press-fit test	draft DIN 51 833		µ	0.10, no chatter

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