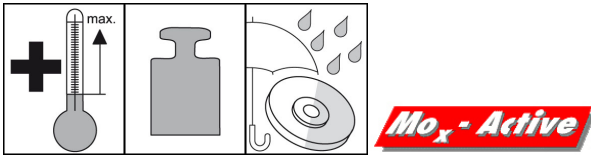
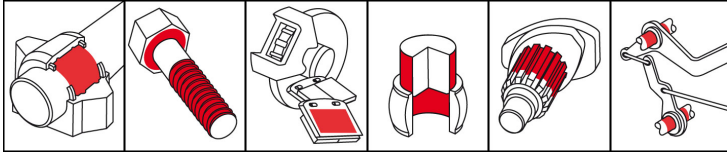


## OKS 2501

### 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<sub>x</sub>-Active for increased performance
- Metal-free
- Also available as spray version OKS 2501

#### Branches

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

#### Application tips

To achieve optimal adhesion remove soiling as well as other lubricants from the thread and sliding surfaces. Evenly spray a sufficient amount of OKS 2501 onto the head or nut contact surface and thread. The paste will also act as a sealant. Caution: Do not use paste instead of grease and mix only with suitable lubricants.



## PRODUCT INFORMATION

### OKS 2501

### White Allround Paste, metal-free, Spray

#### Packaging

- 400 ml Spray

#### Technical Data

	Standard	Conditions	Unit	Value
<b>Main components</b>				
base oil				synthetic oil mixture
thickener				polycarbamide
solid lubricants				white solid lubricants
additives				Mo <sub>x</sub> -Active
<b>Application related technical data</b>				
viscosity at (40°C)			mm <sup>2</sup> /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 <sup>3</sup>	1.25
salt spray test	DIN EN ISO 9227	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 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.12
thread friction coefficient (µ total)	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, 100h	Nm	< 2.7 x tightening torque
press-fit test	draft DIN 51 833		µ	0.10, no chatter

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