PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

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.

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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	290-340
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/cm³	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

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