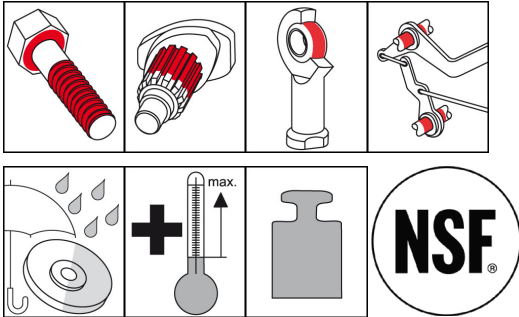


OKS 252

White High-Temperature Paste for Food Processing Technology



Description

OKS 252 is a metal-free high temperature paste for lubrication of screws, bolts and sliding surfaces that are subjected to high pressures, high temperatures at low speeds or oscillating movements.

Applications

- Lubrication of all kind of high stressed sliding areas, especially at low sliding speeds or oscillating movements, e.g. at threads, joints and bayonet nut connectors made of steel or non ferrous metals
- Assembling paste with corrosion protection for screws, bolts, spikes, bushings, flanges, spindles and fittings in the whole food stuff industry
- Separation of high temperature stressed screw joints, even after a long operation time

Advantages and benefits

- Adheres good on metal surfaces, has a good water resistance and corrosion protection
- Prevents from tribo-corrosion
- Contains no metal pigments and is free of sulphurous materials
- Neutral to alloyed steels
- Formulation according to the FDA guideline 21CFR 178.3570
- Registered by the NSF H1

Branches

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



PRODUCT INFORMATION

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Application tips

For optimal adhesion clean thread and sliding areas from dirt and other lubricants, first mechanically (e.g. with wire brush) and then with OKS 2610/OKS 2611 Universal Cleaner. Apply paste evenly in a sufficient amount onto head and nut support and thread or onto the sliding areas with brush, spatula, etc. Paste has also sealing properties. Do not use paste instead of grease and mix with suitable lubricants only.

Packaging

- 200 g Dispenser
- 1 kg Can

Technical Data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyglycol
solid lubricants				white solid lubricants
thickener				silicate
Application related technical data				
breakaway torque	DIN 267-27	M10 A2, 40 Nm, 400°C, 100h	Nm	< 3.2 x tightening torque
colour				light grey
density (at 20°C)	DIN EN ISO 3838		g/cm ³	1.6
flashing point	DIN ISO 2592	> 79	°C	> 200
lower operating temperature			°C	-30
press-fit test	draft DIN 51 833		μ	0.12
thread friction coefficient	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8, nut ISO 4032 M10-10	μ	0.15
thread friction coefficient	DIN EN ISO 16 041	screw ISO 4017 A2 M10x50-70 nut ISO 4032 A2 M10-70	μ	0.15
upper operating temperature		lubrication	°C	160
upper operating temperature		separation	°C	1,200
viscosity at (40°C)	DIN 51 562-1		mm ² /s	360
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
Properties and approvals				
approval for food processing technology				NSF H1, Reg.-Nr. 135748

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Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com.

Our Customer and Technical service will be pleased to help should you have any further questions.