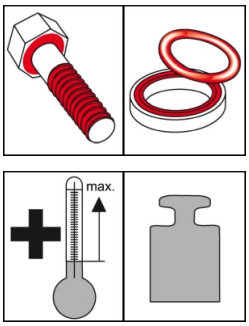


PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 217
High-Temperature Paste, High purity



Description

OKS 217 is a high-temperature paste

Applications

- Assembly lubrication of screw connections of high-strength steel subject to high temperatures, corrosive influences in chemically aggressive environments, e.g. on gas and steam turbines in power plants, combustion engines, threads on pipe fittings, flange joints and fittings in superheated steam lines, exhaust pipe and combustion chamber screwed connections etc.
- Parting lubrication of materials with a tendency to seize up, e.g. V2A, V4A and high-temperature steels

Advantages and benefits

- Excellently suited for preventing seizing and binding
- Highly effective against corrosion affects
- Free of lead compounds, sulphides, chlorides and fluorides

Branches

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

Application tips

For best adhesion, clean the threads and sliding surfaces from dirt and other lubricants. Best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaner. Apply paste evenly in sufficient amount onto head/nut support and thread or onto the sliding areas with brush, spatula, etc. Paste also takes over sealing properties. Do not use paste instead of grease and mix with appropriate lubricants only.

Packaging

- 250 g Brush tin
- 1 kg Can
- 5 kg Hobbock

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Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				semi-synthetic oil
Application related technical data				
drop point	DIN ISO 2176		°C	without
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	280-310
lower operating temperature			°C	-40
upper operating temperature		separation	°C	1,400
colour				dark-grey
density	DIN EN ISO 3838	at 20°C	g/cm³	1.27
water resistance	DIN 51 807-1	3h/90°C	Degree	1-90
four-ball test rig welding load	DIN 51 350-4		N	4,400
Total friction coefficient (µ)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.11
Total friction coefficient (µ)	DIN EN ISO 16 047	Screw ISO 4017 A4 M10x55-70, Nut ISO 4032 A4 M10-70		0.16
breakaway torque	DIN 267-27	M10 A4, 40 Nm, 400 °C, 100 h		< 2,0 x tightening torque
press-fit test (µ)	draft DIN 51 833			0,11, chatter from 4,000 N on
Properties and approvals				
UFI				YY7D-G0MH-G005-TWU2

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