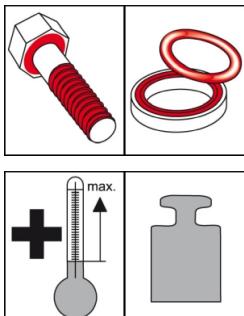




OKS 217

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

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

Advantages and benefits

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



OKS 217

High-Temperature Paste, High purity

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/cm ³	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

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47

82216 Maisach

+49 8142 3051 - 500

info@oks-germany.com

www.oks-germany.com

a brand of

FREUDENBERG

The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark

Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com
Our Customer and Technical service will be pleased to help should you have any further questions.