



OKS 252 - Product Information

Fields of Application:

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

OKS 252

White high temperature paste for the food industry

Advantages and Benefits:

Metal free high temperature paste for the application on threads and high stressed plain bearings in the food industry when the contact with the foodstuff is technical not impossible. OKS 252 adheres good on metallic surfaces, owns a good water resistance and a good corrosion protection. Prevents from tribo corrosion. Contains no metallic pigments and is free of sulfurous materials. Therefore OKS 252 is neutral to alloyed steels. Hygienic harmless in the sence of § 31, Chapter 1, of the german "Lebensmittel- und Bedarfsgegenständegesetz". Formulation according the FDA guideline 21 CFR 178.3570. Registered by the NSF in the category H1 under the number 135748.

Application:

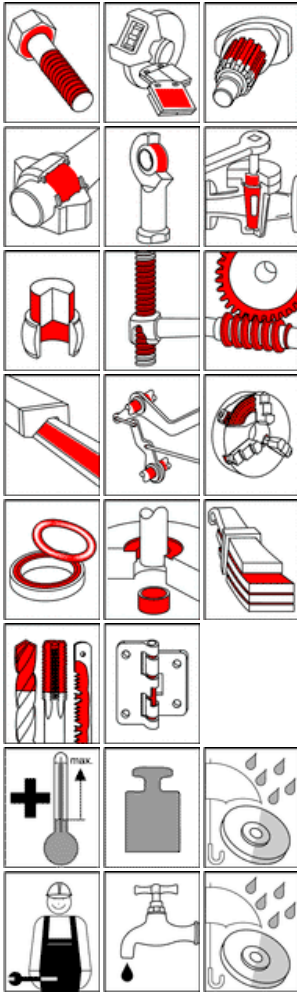
For optimal adhesion clean thread and sliding aereas from dirt and other lubricants, first mechanically (e.g. with wire brush) and than with OKS 2610/OKS 2611 Universal Cleaner. Apply paste evenly thin in sufficient amount onto head and nut support and thread or onto the sliding aereas with brush, spatula, etc. Paste also takes over sealing properties. Do not use paste instead of grease and only mix with appropriate lubricants. For further questions please contact our Technical Departement.

Additional Information:

Packaging (article number):
- 250 g brush tin (00252030)
- 1 kg tin (00252034)
- 5 kg hobbock (00252050)
- 25 kg hobbock (00252062)

Version:
E-12.1/05

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**OKS 252****White high temperature paste for the food industry****Technical Data**

	Norm	Conditions	Measurement	Value
Base oil				
Type				Polyglycol
Viscosity	DIN 51 562-1	+40°C	mm²/s	360
Flash point	DIN ISO 2592	> 79 °C	°C	> 200
Thickener				
Type				Silicate
Consistency	DIN 51 818	DIN ISO 2137	NLGI- Class	2
Unworked penetration	DIN ISO 2137	no shear stress	0,1 mm	265 - 295
Drop point	DIN ISO 2176		°C	> 250
Additives				
Solid lubricants, type				white solid lubricants
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	1,6
Colour				bright grey
Service temperatures				
Minimum service temperature			°C	-30
Maximum service temperature		Lubrication	°C	160
Maximum service temperature		Separation	°C	1200
Water resistance	DIN 51 807-1	+90°C	Grade 1 - 3	1 - 90
Corrosion protectiond tests				
SKF- EMCOR	DIN 51 802	7 d, dest. water	Grade 1 - 5	0/1
SKF- EMCOR on copper	DIN 51 811	24h / 100°C	Grade 1 - 5	1 - 100
Wear protection tests				
VKA-weld load	DIN 51 350-4		N	> 2.500
Friction values				
Press-Fit-Test	E DIN 51 833		μ	0,12, no chatter
Thread friction value	DIN 946	Screw: ISO 4017 M10-8.8 plane Nut: ISO 4032 M10-10 plane	μ	0,14
Breaking torque	DIN 267-27	M10 A2/40 Nm/400°C/100h	x fastening torque	< 3,0
Specifications / Releases				
Food industry				NSF H1 Reg.-No. 135.748

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