



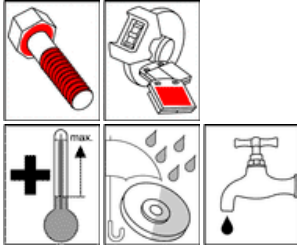
OKS 245 - Product Information

Fields of Application:

Lubrication of threaded connections which in service are exposed to high temperatures and corrosive influences: for example, on combustion engines, threads on pipe fittings, flange joints and fittings in superheated steam lines, exhaust pipe and combustion chamber screwed connections, gas and oil burner mounting bolts. Avoidance of welding, seizing or rusting-on due to high temperatures and long operating durations. Enables an optimum ratio of screw tightening torque to achievable screw pretension and permits destruction-free dismantling.

OKS 245

Copper Paste with High Corrosion Protection



Advantages and Benefits:

Excellent suited for preventing binding of threads exposed to high temperatures, corrosive environments and moisture. Highly effective due to high level of pressure absorption. Excellent corrosion protection. Absolutely resistant to fresh water and seawater. Extreme surface adhesion. Free of lead and lead compounds.

Application:

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 and nut support and thread with brush, spatula, etc. Paste protects from penetrating splashing or condensing water. Do not use paste instead of grease and only mix with appropriate lubricants. For further questions please contact our Technical Department.

Additional Information:

Packaging (Article number):

- 250 g Brush tin(00245030)
- 1 kg Tin (00245034)
- 5 kg Hobbock (00245050)
- 25 kg Hobbock (00245062)

Version

E-04.1/05

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OKS 245 Copper Paste with High Corrosion Protection

Technical Data

	Norm	Conditions	Unit	Value
Base Oil				
Type				partly synthetic oil
Flash point	DIN ISO 2592	> 79	°C	> 200
Thickener				
Type				Lithiumhydroxystearate
Unworked penetration	DIN ISO 2137	no shear stress	0,1 mm	230 - 270
Additives				
Solid lubricants, type				copper
Solid lubricants, particle size	DIN 51 832		µm	< 50
Additives				Corrosion protection
Application Data				
Density	DIN EN ISO 3838		g/cm ³	1,0
Colour				copper brownish
Service Temperatures				
Minimum service temperature			°C	-30
Maximum service temperature - separation			°C	1100
Corrosion Protection Tests				
SKF-EMCOR	DIN 51 802		Cor.-grade 1-5	0 und 1
Salt spray test	DIN 50 021	50 µm	h	> 500
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.600
VKA- wear	DIN 51 350-5	1.420 U/min/1 h/800 N	mm	0,4
Friction Values				
Press-Fit-Test	E DIN 51 833			0,12
Thread friction value	DIN EN ISO 16047	Screw: ISO 4017 M10x55-8.8 plain Nut: ISO 4032 M10-10 plain		0,15
Break-loose torque	DIN 267-27	M10 A2/40 Nm/400°C/100h	x tightening torque	< 2,8

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