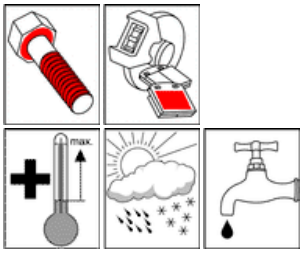
OKS 255 - Product Information

OKS 255
Extreme-Temperature Paste



Fields of Application:

Lubrication of threaded connections subject to high temperatures, corrosive influences in chemically aggressive environments, e.g. on combustion engines, threads on pipe fittings, flange joints and fittings of 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 other ductile or high-temperature steels.

Advantages and Benefits:

Excellently suited for preventing seizing and galling. Highly effective against corrosion affects. Wide range of possible uses, especially in the high-temperature range. Absolutely resistant to fresh and sea water. Free of lead and lead compounds, sulphides, chlorides and fluorides. The special metal power combination does not react with metal surfaces, avoiding material changes.

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 or similar. 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 (Artikle number):
- 250 g Brush tin (00255030)
- 1 kg Tin (00255034)
- 5 kg Hobbock (00255050)
- 25 kg Hobbock (00255062)

Version
E-10.1/05

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Technical Data

	Norm	Conditions	Unit	Value
Base Oil				
Type				Semi synthetic Oil
Thickener				
Type				anorganic
Unworked penetration	DIN ISO 2137	no shear stress	0,1 mm	310 - 340
Drop point	DIN ISO 2176		°C	none
Additives				
Solid lubricants, type				Nickel-alloy pulver other solid lubricants
Solid lubricants, particle size	DIN 51 832		µm	< 70
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	1,16
Colour				silver grey
Service Temperatures				
Minimum service-temp.			°C	-20
Maximum service-temp.-separation			°C	1400
Water resistance	DIN 51 807-1	+90°C	Grade 1-3	0 - 90
Friction Values				
Thread friction value	DIN EN ISO 16047	Screw: ISO 4017 M10x55-8.8 pl. Nut: ISO 4032 M10-10 plain	µ	0,10
Break-loose torque		M10 A2/40 Nm/400°C/100h	Nm	< 2,8 x tightening torque
Corrosion protection test				
SKF-EMCOR	DIN 51 802		Cor.-Grade 1 - 5	0