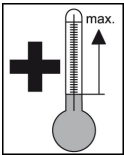
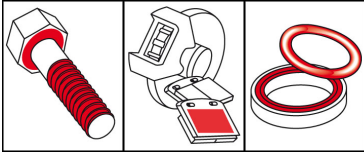


OKS 235

Aluminiumpaste, Anti-Seize-Paste



Description

Aluminium paste for assembling screw and bolt threaded connections that are subjected to high temperatures and corrosive influences.

Applications

- Assembly lubrication of machine parts, screw connections, fittings, flange and plug-in connections, guides, sliding and sealing surfaces of ovens, boilers, burners, motors, engines subject to high-temperature conditions
- Separating paste

Branches

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

Application tips

For best adhesion, clean contamination and other lubricants from thread and slide surfaces. Best way is to clean mechanically first (for example, with a wire brush) and then with OKS 2610/OKS 2611 universal cleaning agent. Apply sufficient OKS 235 evenly to the head or nut contact surface and to the thread by using a brush, spatula, etc. Spray on OKS 2351 evenly. Do not use paste instead of grease and mix only with suitable lubricants.

Packaging

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

Advantages and benefits

- Excellently suited for preventing seizing and burning together
- Highly effective due to outstanding separating action and pressure absorption
- Good protection against ingress of splashing and condensed water
- Free of heavy metal compounds
- Good corrosion protection
- Excellent water resistance
- Wide operating temperature range
- Optimum ratio of screw tightening torque to achievable pre-tension
- Also available as spray version OKS 2351



OKS 235
Aluminiumpaste, Anti-Seize-Paste

Technical Data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				organic/inorganic
solid lubricants				aluminium powder
solid lubricants				other solid lubricants
Application related technical data				
drop point	DIN ISO 2176		°C	110
consistency	DIN 51 818	DIN ISO 2137	NLGI grade	0-1
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	290-330
oil separation	DIN 51 817	7d/40°C	percent in weight	< 4.0
lower operating temperature			°C	-30
upper operating temperature		lubrication	°C	110
upper operating temperature		separation	°C	1,100
colour				silver
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.92
salt spray test	DIN EN ISO 9227	layer thickness 30µm	h	> 400
thread friction coefficient (µ total)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.13
breakaway torque	DIN 267-27	A2-70, 400°C, 100h	Nm	< 2.7 x tightening torque

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
 82216 Maisach
 Phone: +49 (0) 8142 3051 - 500
 info@oks-germany.com
 www.oks-germany.com



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
Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com. Our Customer and Technical service will be pleased to help should you have any further questions.