

OKS 2351

Aluminium Paste, Anti-Seize Paste, Spray



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

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

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. Evenly spray a sufficient amount of OKS 2351 onto the head or nut contact surface and thread. Do not use paste instead of grease and mix only with suitable lubricants.

Packaging

- 400 ml Spray

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

OKS 2351

Aluminium Paste, Anti-Seize Paste, Spray

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				mineral oil
thickener				organic/inorganic
solid lubricants				other solid lubricants
solid lubricants				aluminium powder
Application related technical data				
drop point	DIN ISO 2176		°C	110
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	290-330
lower operating temperature			°C	-30
upper operating temperature			°C	1100
colour				silver
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.7
salt spray test	DIN EN ISO 9227	layer thickness > 30 µm	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	M10 A2, 40 Nm, 400 °C, 100 h	Nm	< 2,7 x tightening torque

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
 82216 Maisach
 +49 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
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.