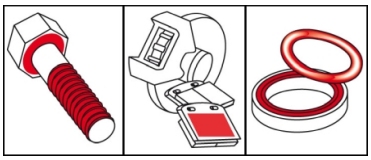
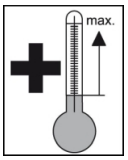
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

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

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

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

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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	DIN EN ISO 3838	at 20°C	g/cm³	0.7
salt spray test	DIN EN ISO 9227	layer thickness > 30 µm	h	> 400
Total friction coefficient (µ)	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
Properties and approvals				
UFI				HVK1-D0Q4-T00C-DA80

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