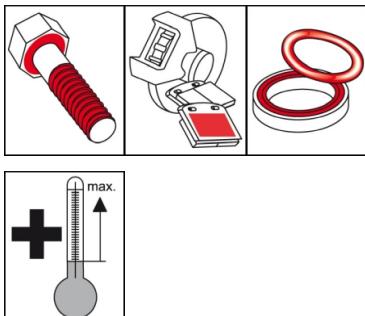




OKS 2351

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

- Excellent 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/cm ³ | 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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