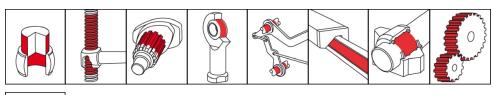




OKS 200

MoS₂ Assembly Paste





Description

OKS 200 is a MoS₂-paste for assembly lubrication for press-on processes.

Applications

- Mounting paste for press-fitting wheels, shafts, tires or bearings to prevent galling
- Non-stick primer coat for moving threads, supports, guides and slideways to prevent stick-slip effect
- Wearing-in lubrication of highly stressed sliding surfaces such as plain bearings, gearwheels, crankshafts with provision of anti-seizing properties
- In non-cutting shaping of the difficult type, such as doming, pressing, embossing while avoiding critical metal contacts and welding

Branches

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

Application tips

For best adhesion, clean the 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 thin with brush, spatula, etc. Remove excessing paste. Do not use paste instead of grease and only mix with appropriate lubricants.

Packaging

40 ml Tube250 g Can

- 1 kg Can
- 5 kg Hobbock

Advantages and benefits

- · Against seizing, wear and stick-slip
- Highly effective due to the strong affinity of the MoS₂ for metals
- Extremely low friction at highest loading capability
- Increased operational reliability of moving parts due to antiseizing properties
- Resistant to water, oil, grease, chemicals and hydraulic media
- Improved performance due to organic molybdenum complex compounds

ISO 9001
Conted
County Management System
40 9444



25 kg Hobbock







OKS 200

MoS₂ Assembly Paste

Technical data

| | Standard | Conditions | Unit | Value |
|---------------------------------|-------------------|---|--------|---------------------------|
| Main components | | | | |
| base oil | | | | synthetic oil |
| thickener | | | | lithium soap |
| solid lubricants | | | | white solid lubricants |
| solid lubricants | | | | MoS ₂ |
| solid lubricants | | | | graphite |
| additives | | | | Mo _x -Active |
| Application related technical | al data | | | |
| unworked penetration | DIN ISO 2137 | no shear stress | 0.1 mm | 220-250 |
| lower operating temperature | | | °C | -35 |
| upper operating temperature | | separation | °C | 450 |
| colour | | | | black |
| density | DIN EN ISO 3838 | at 20°C | g/cm³ | 1.2 |
| four-ball test rig welding load | DIN 51 350-4 | | N | 2,400 |
| Total friction coefficient (μ) | DIN EN ISO 16 047 | screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide | | 0.07 |
| breakaway torque | DIN 267-27 | M10 A2, 40 Nm, 400 °C, 100 h | Nm | < 2,0 x tightening torque |
| press-fit test (μ) | draft DIN 51 833 | | | 0,09, no chatter |
| Properties and approvals | <u>.</u> | | | |
| UFI | | | | SJ49-30GQ-H00E-YJEM |

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