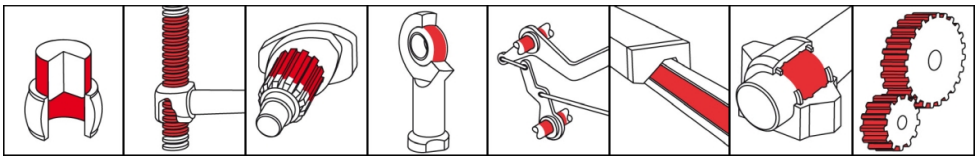
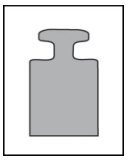
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 200
MoS_2 Assembly Paste





Mo_x - Active

Description

OKS 200 is a MoS_2-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

Advantages and benefits

- Against seizing, wear and stick-slip
- Highly effective due to the strong affinity of the MoS_2 for metals
- Extremely low friction at highest loading capability
- Increased operational reliability of moving parts due to anti-seizing properties
- Resistant to water, oil, grease, chemicals and hydraulic media
- Improved performance due to organic molybdenum complex compounds

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 Tube
- 250 g Can
- 1 kg Can
- 5 kg Hobbock
- 25 kg Hobbock

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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 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				
UFI				R1TJ-S0U2-800X-E1MC

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