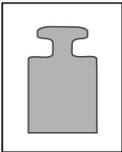
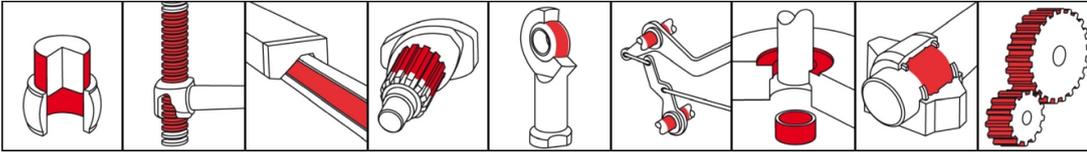


OKS 220

MoS₂ Rapid Paste



Mo_x - Active

Description

Assembly paste with very high MoS₂ contents for pressing and moulding processes as well as run-in lubrication of highly loaded sliding surfaces.

Applications

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

Branches

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

Application tips

For optimum adhesion, clean contamination and other lubricants from sliding surfaces. Best way is to clean mechanically first (for example, with a wire brush) and then with OKS 2610/OKS 2611 universal cleaner. Apply OKS 220 thinly and evenly with a brush or spatula. Spray OKS 221 on evenly. Remove excesses. Do not use paste instead of grease and mix only with suitable lubricants.

Advantages and benefits

- Immediate effective protection against corrosion, wear and stick-slipping under high stress conditions
- No pressing onto the sliding surface required
- 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 anti-seizing properties
- Improved performance due to organic molybdenum complex compounds
- Also available as spray version OKS 221



OKS 220
MoS₂ Rapid Paste

Packaging

- 400 ml Cartridge
- 250 g Can
- 1 kg Can
- 5 kg Hobbock

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil
thickener				without
solid lubricants				MoS ₂
solid lubricants				other solid lubricants
additives				Mo _x -Active
Application related technical data				
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	260-290
lower operating temperature			°C	-35
upper operating temperature		separation	°C	450
colour				black
density	DIN EN ISO 3838	at 20°C	g/cm ³	1.4
four-ball test rig welding load	DIN 51 350-4		N	4,200
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
press-fit test (μ)	draft DIN 51 833			0,05, no chatter
Properties and approvals				
UFI				GJQ1-50D6-Y00N-U09S

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.