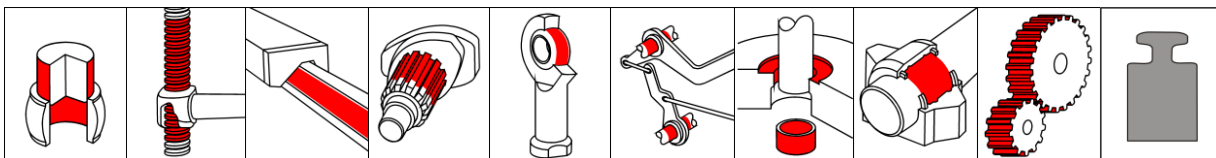


OKS 220 / OKS 221 MoS₂ Rapid Paste



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

Main fields of application

- Servicing organisations
- Forming technology
- Gearing manufacturing
- Mounting and maintenance

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

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.

Our customer advice service will be pleased to help should you have any further questions.

PRODUCT INFORMATION

OKS 220 / OKS 221 MoS₂ Rapid Paste

Technical data

	Standard	Conditions	Unit	Value
Base oil				
Type				Synthetic oil
Flashing point	DIN EN 22719		°C	127
Thickener				
Type				without
Unworked penetration	DIN ISO 2137	No shear stress	0.1 mm	260 - 290
Additives				
Solid lubricant, type				MoS ₂ , other solid lubricants
Additive				Mo _x -Active
Application-specific data				
Density	DIN EN ISO 3838	20°C	g/cm ³	1.5
Colour				Black
Operating temperatures				
Lower operating temperature			°C	-35
Upper operating temperature		Separation	°C	450
Upper operating temperature		Separation under exclusion of oxygen	°C	630
Wear protection tests				
Four-ball test rig welding load	DIN 51 350-4		N	4,200
Coefficients of friction				
Press-fit test	Draft DIN 51 833		μ	0.05, no chatter
Thread coefficient of friction	DIN EN ISO 16041	Screw ISO 4017, M10x55-8.8 black-oxide Nut ISO 4032 M10-10 black-oxide	μ	0.07

Packaging

- 250 g tin
- 1 kg tin
- 400 ml cartridge
- 5 kg hobcock
- 400 ml spray (OKS 221)

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