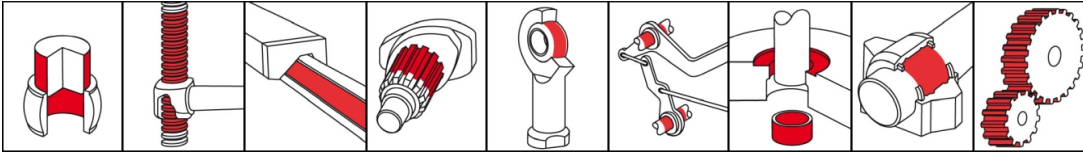


OKS 221

MoS₂ Rapid Paste, Spray



Mo_x - Active

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

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

Branches

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

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.

Packaging

- 400 ml Spray

OKS 221

MoS2 Rapid Paste, Spray

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil
thickener				without
solid lubricants				other solid lubricants
solid lubricants				MoS ₂
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
upper operating temperature		separation under exclusion of oxygen	°C	630
colour				black
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.68
four-ball test rig welding load	DIN 51 350-4		N	4,200
thread friction coefficient (μ total)	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

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