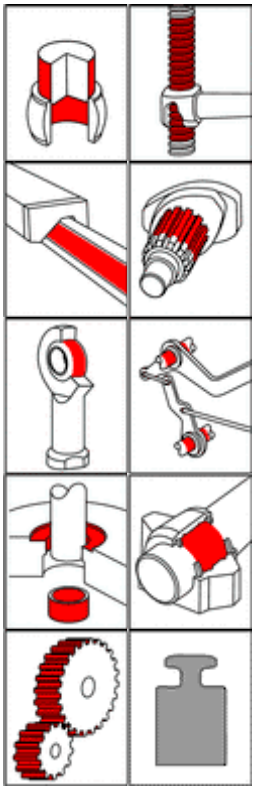
OKS 221 – Product Information

OKS 221
MoS_2 Rapid Paste, Spray



Fields of Application:

Mounting paste spray for press-fitting wheels, shafts, tires or bearings to prevent galling. Non-sticking primer coating for moving threads (such as threaded spindles), supports, guides and slideways to prevent from 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 most difficult type, such as doming, pressing, embossing while avoiding critical metal contacts and welding.

Advantages and Benefits:

Immediate effective protection under high stress conditions against corrosion, wear and stick-slipping. Rubbing into the sliding surface is not necessary. 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, fuels and lubricants, chemicals and hydraulic media. Improved performance due to organic molybdenum complex compounds.

Application:

For best 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 or OKS 2611 universal cleaning agent. Spray paste on evenly and thinly from a distance of about 20 - 30 cm. Remove excess. Do not use paste instead of grease and mix with suitable lubricants only. Our customer advice service will be pleased to help should you have any further questions.

Additional Information:

Packaging (Article number):
- 400 ml Spray (00221004)

Version:
E-02.1/13

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Technical Data

	Norm	Conditions	Unit	Value
Base Oil				
Type				Synthetic oil
Flash point	DIN EN 22719		°C	127
Thickener				
Type				none
Unworked penetration	DIN ISO 2137	no shear stress	0,1 mm	260 - 290
Additives				
Solid lubricants, type				MoS_2 other solid lubricants
Additive				Mo_x-Active
Application Data				
Density	DIN EN ISO 3838	+20°C	g/cm³	1,5
Colour				black
Service Temperatures				
Minimum service temperature			°C	-35
Maximum service temperature			°C	450, max. 630
Wear Protection Tests				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	4.200
Friction Values				
Press-fit-test	E DIN 51 833			0,05, no chatter
Thread friction values	DIN EN ISO 16047	Screw: ISO 4017 M10x55-8.8 plain Nut: ISO 4032 M10-10 plain	µ	0,07