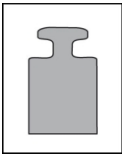
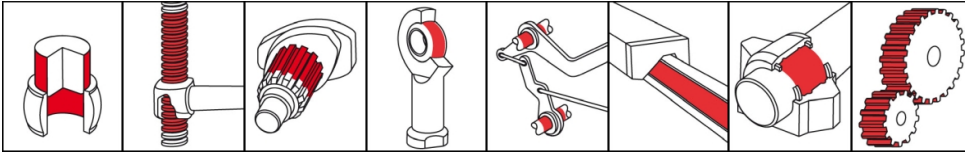


OKS 200

MoS₂ Assembly Paste



Mo_x - Active

Description

OKS 200 is a MoS₂-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 MoS₂ 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

OKS 200

MoS2 Assembly Paste

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 (at 20°C)	DIN EN ISO 3838		g/cm ³	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				SJ49-30GQ-H00E-YJEM

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
82216 Maisach

+49 8142 3051 - 500

info@oks-germany.com

www.oks-germany.com



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark
Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com
Our Customer and Technical service will be pleased to help should you have any further questions.