

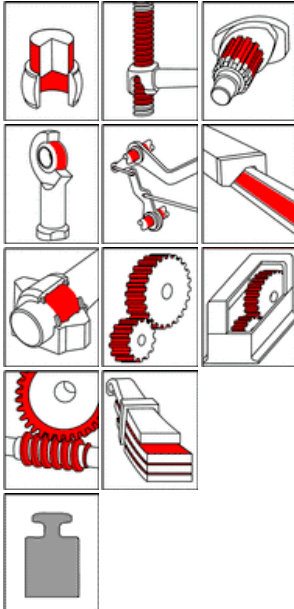


## OKS 200 - Product Information

### Fields of Application:

Mounting paste for press-fitting wheels, shafts, tires or bearings to prevent galling. Non-stick primer coat for moving threads (such as threaded spindles), 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.

### OKS 200 MoS<sub>2</sub> Assembly Paste



### Advantages and Benefits:

Especially economical MoS<sub>2</sub>-paste. Against seizing, wear and stick-slip. Highly effective due to the strong affinity of the MoS<sub>2</sub> 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.

### Application:

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. For further questions please contact our Technical Departement.

### Additional Information:

Packaging (Article number):  
- 50 g Tube (00200010)  
- 250 g Tin (00200030)  
- 1 kg Tin (00200034)  
- 5 kg Hobbock (00200050)  
- 25 kg Hobbock (00200062)

Version:  
E-12.1/08

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. ® = Registered Trademark



# OKS 200 MoS<sub>2</sub> Assembly Paste

## Technical Data

	Norm	Conditions	Unit	Value
<b>Base Oil</b>				
Type				Synthetic oil
<b>Thickener</b>				
Type				Lithium Soap
Unworked penetration	DIN ISO 2137	No shear stress	0,1 mm	220 - 250
<b>Additives</b>				
Solid lubricants, type				MoS <sub>2</sub> , Graphite, white solid lubricants
Additives				Mo <sub>x</sub> -Active
<b>Application Data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	1,25
Colour				black
<b>Service Temperatures</b>				
Minimum service temperature			°C	-35
Maximum service temperature - separation			°C	450, max. 630
<b>Wear protection tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.400
<b>Friction values</b>				
Press-Fit-Test	E DIN 51 833		μ	0,09, 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
Break-loose torque	DIN 267-27	M10 A2/40 Nm/400 °C/100 h	Nm	< 2,0 x tightening torque
<b>Releases / Specifications</b>				
German railways				Substance-Nr. 07606

The data in this brochure are the result of extensive testing and experience and meet the latest stage of engineering. Due to the diversity of application possibilities and technical realities they can only be recommendations and are not arbitrarily transferable; thus no obligations, liability or warranty claims can be derived herefrom. We accept liability for the fitness of our products for particular purposes and accept such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequent damage, shall be excluded. Prior to use own testing must be done to prove suitability. The data are subject to change for the sake of technical progress. ® = Registered Trademark