



OKS 111 - Product Information

Fields of Application:

For sliding properties improvement of machine parts, apparatuses and precision machinery, especially for microfinished surfaces. Dry lubrication after assembly of hard to get at areas. For long-term or eventually lifetime-lubrication.

OKS 111 MoS₂ Powder, microsize, Spray

Advantages and Benefits:

Reduces friction and wear in a wide temperature range. High effectiveness due to high affinity of MoS₂ to metals. Low friction at highest load capacities. Low consumption based on forming of extreme thin sliding films. Not electrically conducting and not magnetic. Chemically stable except against halogenated gases, concentrated sulfuric- and nitric acid.

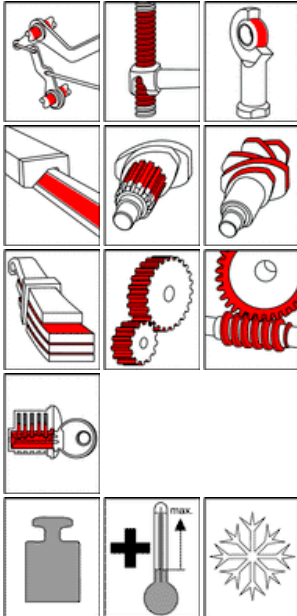
Application:

For best adhesion, clean sliding surfaces. Best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaner. Spray on evenly thin from 15 - 20 cm distance to the sliding surfaces. Our customer advice service will be pleased to help should you have any further questions.

Additional Information:

Packaging (article number):
- 400 ml Spray (00111004)

Version
E-03.2/07



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Technical Data

	Norm	Conditions	Unit	Value
Solid Lubricants				
Type				MoS ₂
Particle size	ISO 13320-1	d 50 max. d 99	µm	2,5 - 5,0 max. 15,0
Purity		MoS ₂ -content	mass %	> 98,5
Binder				
Type				Special wax
Solvents				
Type				Special boiling point gasoline
Application Data				
Colour				grey-black
Service Temperatures				
Minimum service temperatur			°C	-185
Upper service temperatur			°C	450
Maximum service temperatur			°C	1100 °C (Vakuum)
Friction Values				
Electrical Conductivity	DIN 51 412-1			non-conductive

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