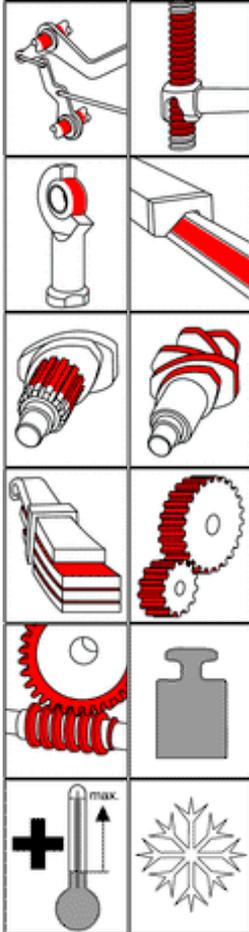




OKS 111 - Product Information

OKS 111 MoS₂ Powder, Micro- size, Spray



Fields of Application:

For sliding properties improvement of machine parts, apparatuses and precision machinery, especially for microfinished surfaces. Dry lubrication after assembly of areas with difficult accessibility. For long-term or possibly lifetime-lubrication.

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. For additional questions please contact our Technical Department.

Additional Information:

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

Version:
E-04.1/13

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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 temperatures			°C	-185
Upper service temperatures		in normal atmosphere	°C	450
Maximum service temperatures		in vacuum	°C	1100
Maximum service temperatures		in inert gas	°C	1300
Miscellaneous				
Electrical conductivity	DIN 51 412-1			non-conductive

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