

LM 203 MoS2 Anti-Friction Lacquer

Description

Rapid drying, resin-bound MoS₂ anti-friction lacquer dispersed in solvent. Produces a solid adherent film of dry lubricant with low friction values.

Properties

- extremely fast drying properties
- extremely high UV resistance
- friction and wear reducing
- high bond strength
- resistant to mineral oils
- good corrosion protection
- outstanding emergency-running properties
- dries at room temperature

Technical data

Color / appearance	schwarzgrauer Film, matt / black/grey film, matt
Base	MoS ₂
Binder	Phenolharz / phenolic resin
Density at 20 °C	0,61 g/ml
Carrier fluid	Ethanol
Flash point	12 (VbF A1) °C
Operating temperature range	bis zu + 340 Dauertemp., kurzzeitig +400 / +340 °C, short term +400 °C °C
Coating thickness	5 - 15 µm
Spreading rate (cover)	7 m ² /kg bei 12,5 fÊm Schichtstärke / 7 m ² /kg at 12.5 ìm coating thickness
Odor	charakteristisch / characteristic
Form	aerosol, flüssig / aerosol, liquid

Areas of application

Used as a pre-treatment for drive elements under heavy loading such as gearwheels, racks, profiled shafts, and joints. Lubrication during the assembly of press fittings, treatment of work pieces and tools for metal forming and metal processing.

Application

The surfaces to be coated must be bare metal, free from grease and dry. Lightly roughening the surface by sand blasting, grinding with emery, pickling or phosphating will produce the optimum service life for the film. Application from the aerosol can or using the



paint spray gun (0.8 mm nozzle / 2-3 bar). Application by immersion or brush also possible (recommended coating thickness 5-15 µm). The product can also be diluted with acetone, ethyl acetate, methylethylketone, methylisobutylketone, ethylglycol acetate or isopropyl alcohol. The drying time is dependent on the evaporation number of the solvent used. The solvents in the genuine product guarantee the film of lubricant to be dry after 10 minutes and to have the maximum hardness and wear life after 1 to 2 hours. Blowing warm air onto the film will accelerate curing. When using this product, the relevant safety regulations for working with products containing solvents must be adhered to.

Comment

After use, clear spray nozzle by inverting the can and spraying until only the propellant emerges.

Available pack sizes

300 ml Can aerosol	4032 D-GB-E-F-NL
1 kg Can sheet metal	4033 D-GB-I-E-P

Our information is based on thorough research and may be considered reliable, although not legally binding.