



Shanghai Jichuan Trading

LM 203 MoS₂-Gleitlack (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

- dries at room temperature
- extremely adherent
- friction and wear reducing
- reliable running-in protection
- guarantees limp-home properties
- resistant to mineral oils
- protects against corrosion
- quick drying
- resistant to radiation, vacuum tight

**TECHNICAL
DATA**

Colour : black/grey film/matt
Basis : MoS₂
Binder : phenolic resin
Carrier fluid : ethanol
Flash point : 12 °C (AI)
Operating temperature range: +340 °C, short term +400 °C
Coating thickness : 5 - 15 µm
Spreading rate (cover) : 7 m²/kg at 12.5 µm coating thickness

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 for tools for metal forming and metal processing.

INSTRUCTIONS 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.

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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.

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

**AVAILABLE
PACK SIZE**

LM 203 MoS ₂ Anti-Friction Lacquer	300	ml	Part no. 4032
	1	kg	Part no. 4033

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