

MOL Fortilmo EV 603

vanishing oil



MOL Fortilmo EV 603 is an evaporating lubricating oil developed for forming operations on steel, copper and aluminium sheets. It is a volatile refined mineral oil fraction containing a special combination of additives that improve lubricating ability. It evaporates naturally during the forming process. Application on the surface can be made by means of either lubricating roller, spraying, immersion or dripping. Its residue is hardly detectable on the surface after the forming operation, if it was applied in a thin layer, and the formed pieces do not need degreasing prior to welding and adhering. It is very compatible with nonferrous metals, as well as with coating systems of paint, lacquer and zinc. It does not contain barium, PCB, PCT or other chlorine compounds.

Application



- Forming of fine sheets
- Smooth stamping, punching, bending
- Stamping of coating-free and lacquered sheet parts of electric motors
- Steel, light and yellow metals

Features and benefits

Inactive anti-wear additive content	General-purpose product for machining various metals (steel, non-ferrous and light metals)
Effective washing and rinsing properties	Keeps tool clean, prevents adhesion and seizure of metal particles and protects tool condition long-term Lower tool cost
Compatible with coatings	Paints, lacquers and galvanised coating systems are not damaged
Excellent surface wetting	A continuous, easily spread film layer is formed on metal surfaces, ensuring continuity of lubrication Perfect surface quality
Minimum evaporation residue	Enables degreasing to be omitted Reduced specific manufacturing costs
Very low aromatic content	Healthier and safer workplace environment
Mild odour	More comfortable working environments

Properties

Properties	Typical values
Appearance	light yellow, clear
Density at 15°C [g/cm ³]	0,767
Kinematic viscosity at 20°C [mm ² /s]	1,86
Flash point (Pensky-Martens) [°C]	65
Saponification number [mg KOH/g]	6,3

The characteristics in table are typical values of the product and do not constitute a specification.

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Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

In the original container under the recommended storage conditions: 12 months

Recommended storage temperature: max. 30°C

Ordering information

Custom Tariff Number 34031910

SAP code and packaging:

13005260	MOL Fortilmo EV 603 10LA	10 l plastic can
13005259	MOL Fortilmo EV 603 160KG	216.5 l steel drum
13006990	MOL Fortilmo EV 603 750KG	IBC (for order only)

Order booking:

Please contact your local distributor or sales partner for ordering details.