

MOL Fortilmo NFD 702

forming oil



MOL Fortilmo NFD 702 is a high performance drawing oil developed for the many different forming operations of steel and nonferrous metals. It is a highly refined mineral oil containing a high pressure resistant additive combination. Application on the surface can be made by means of either lubricating roller, spraying, immersion or dripping. It does not contain PCB, PCT, other chlorine compounds or barium compounds.

Application



Sheet forming operations of high load and extreme duty conditions

Drawing of aluminium tubes

Drawing of rough copper wire

Manufacturing of parts with large wall thickness

Galvanised and corrosion resistant steel sheets suitable for deep drawing

Brass, aluminium and steel sheets

Features and benefits

Excellent lubricity

Efficient friction and wear reduction even under extremely high loads, giving advanced level tool protection
Lower specific tool cost

Excellent surface wetting

A continuous, easily spread film layer is formed on metal surfaces, ensuring continuity of lubrication
Prevents adhesion and disruption, so protects tools
Productive manufacturing and excellent surface quality

Effective temporary corrosion protection

Reduced manufacturing and surface treatment costs

Easily washable

The lubricant film remaining on metal part surfaces can be removed without residues using alkaline cleaning fluids
The quality of paints, varnishes and pre-treatments are not affected

Inactive anti-wear additive content

General-purpose product for machining various metals (steel, non-ferrous and light metals)

Specifications and approvals

ISO 6743-7: L-MHE

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Properties

Properties	Typical values
Appearance	brown, clear, viscous
Density at 15°C [g/cm ³]	0,910
Kinematic viscosity at 40°C [mm ² /s]	605
Pour point [°C]	0
Flash point (Cleveland) [°C]	268
Rust preventing properties, method "A"	pass
Copper corrosion (100 °C, 3 h)	1A

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

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: 24 months

Recommended storage temperature: max. 40°C

Ordering information

Custom Tariff Number 27101991

SAP code and packaging:

13007830 MOL Fortilmo NFD 702 180KG

216.5 l steel drum

Order booking:

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