

MOL Fortilmo SDD 550

environmentally compatible deep-drawing oil



MOL Fortilmo SDD 550 is a high performance deep drawing oil developed for the extensive forming of thick steel plates. It is a highly refined mineral oil containing components that are resistant to high pressure, inhibit wear and corrosion, and improve adhesion. Application on the surface can be made by means of either lubricating cylinder, spraying, immersion or dripping. It does not contain PCB, PCT or other chlorine compounds or barium compounds.

Application



- Sheet forming operations of high load and extreme duty conditions
- Deep drawing with high degree of reduction
- Manufacturing of parts with medium and large wall thickness
- Corrosion resistant steel sheets suitable for deep drawing
- Aluminium alloys

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

Specifications and approvals

ISO 6743-7: L-MHE

Properties

Properties	Typical values
Appearance	brown, clear, viscous
Density at 15°C [g/cm ³]	0,957
Kinematic viscosity at 40°C [mm ² /s]	510
Pour point [°C]	-6
Flash point (Cleveland) [°C]	243
Rust preventing properties, method "B" [grade]	0

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. 40°C

Ordering information

Custom Tariff Number 27101991

SAP code and packaging:

13006253 MOL Fortilmo SDD 550 10LA

10 l plastic can (for order only)

Order booking:

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