

MOL Fortilmo SDD 68

environmentally compatible deep-drawing oil



MOL Fortilmo SDD 68 is a high performance deep drawing oil developed for extensive forming of steels. It is a highly refined mineral oil, containing additives that ensure resistance to high pressure, reduce wear and inhibit corrosion. Application on the surface can be made by means of either lubricating cylinder, spraying, immersion or dripping. Due to its outstanding load carrying capacity this lubricant is effective even in thin layers, so its use is economically efficient. It does not contain PCB, PCT or other chlorine compounds or barium compounds.

Application



Sheet forming operations of high load and extreme duty conditions

Corrosion resistant steel sheets suitable for deep drawing

Aluminium alloys

Manufacturing of parts with medium wall thickness

Forming operations that use multi-stage tools in presses

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-MHF

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Properties

Properties	Typical values
Appearance	brown, clear, light opalescence is permissible
Density at 15°C [g/cm ³]	0,945
Kinematic viscosity at 40°C [mm ² /s]	68,9
Viscosity index	112
Pour point [°C]	-9
Flash point (Cleveland) [°C]	220
Rust preventing properties, method "A"	adequate
Four-ball test	
- weld load [N]	7000
- scar diameter (1h, 40 kg) [mm]	0,7

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: 60 months

Recommended storage temperature: max. 40°C

Ordering information

Custom Tariff Number 27101991

SAP code and packaging:

13009382 MOL Fortilmo SDD 68 190KG

216.5 l steel drum

Order booking:

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