

MOL Fortilmo SDD 40

heavy-duty deep-drawing oil



MOL Fortilmo SDD 40 is a high performance deep drawing oil developed for extensive forming of steel. It is a highly refined mineral oil containing pressure resistant, wear and corrosion inhibiting components. Application on the surface can be made by means of either lubricating roller, 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 chlorine, barium, heavy metal or PCB/PCT compounds.

Application



- Deep drawing with medium and high degree of reduction
- Corrosion resistant steel sheets suitable for deep drawing
- Aluminium alloys
- Manufacturing of parts with low or medium wall thickness
- Forming operations that use multi-stage tools in presses

Features and benefits

| | |
|--|---|
| Excellent lubricity | Effective friction and wear reduction, giving a long life of tool edges 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-MHD

Properties

| Properties | Typical values |
|--|----------------|
| Appearance | brown, clear |
| Density at 15°C [g/cm ³] | 0,935 |
| Kinematic viscosity at 40°C [mm ² /s] | 43,8 |
| Pour point [°C] | -9 |
| Flash point (Cleveland) [°C] | > 205 |
| Rust preventing properties, method "A" | pass |

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: 24 months

Recommended storage temperature: max. 40°C

Ordering information

Custom Tariff Number 27101999

SAP code and packaging:

13005307 MOL Fortilmo SDD 40 50KG

60 l steel drum (for order only)

13005306 MOL Fortilmo SDD 40 190KG

216.5 l steel drum

Order booking:

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