

# MOL Fortilmo AWD 25

## aluminium fine wire-drawing oil



MOL Fortilmo AWD 25 is a lubricating oil developed for high performance fine drawing of small diameter aluminium wire. It is a highly refined mineral oil based product, containing additives that reduce friction, improve lubricating ability and inhibit corrosion. With a 30 m/s drawing speed it is possible obtain 0.24 mm ready diameter from the initial 0.4 mm diameter with a fine wire drawing machine. The mechanical properties of the wire produced with this oil satisfy the most severe demands. It does not contain chlorine, barium, heavy metal or PCB/PCT, compounds.

### Application



High speed fine wire drawing up to 0.1 mm finished diameter

Alloy and neat aluminium

Bending, tightening and enlarging of aluminium and copper tubes

### Features and benefits

Excellent lubricity

Significantly less heat is generated due to reduced friction, so longer drawing stone and oil service lifetimes are achievable  
Long-term sustainability of the drawing speed that is required for high productivity  
Fewer wear particles separate in the drawing cavity, giving stainless and scratch-free, shiny wire surfaces

Low viscosity

Metallic wear particles can be separated effectively through sedimentation or centrifugal separation

Outstanding oxidation stability

Long lubricant lifetime, reduced maintenance costs and lower environmental impact

### Specifications and approvals

ISO 6743-7: L-MHB

### Properties

Properties	Typical values
Appearance	yellow colored, clear
Density at 15°C [g/cm <sup>3</sup> ]	0,865
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	22,7
Pour point [°C]	-12
Flash point (Cleveland) [°C]	224

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: 36 months

Recommended storage temperature: max. 40°C

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### Ordering information

Custom Tariff Number 27101991

#### SAP code and packaging:

13009381 MOL Fortilmo AWD 25 170KG

216.5 l steel drum (for order only)

#### Order booking:

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