

MOL Fortilmo AWD 150 Special

aluminium wire-drawing oil



MOL Fortilmo AWD 150 is a lubricating oil developed for high performance drawing of aluminium wire that satisfies the most stringent requirements for surface quality. It is a highly refined mineral oil based product containing additives matched to the required high quality, that improve lubricating ability, modify friction and inhibit corrosion. Experience indicates that wires can be produced with high quality bright surface with sliding type drawing machine from alloyed material in case of 3 mm diameter and 20 m/s drawing speed. A drawing speed of 36 m/s can be reached in case of unalloyed aluminium. It does not contain chlorine, barium, heavy metal or PCB/PCT, compounds.

Application



High performance wire drawing in collecting and sliding drawing machines

Alloy and neat aluminium

Rod and medium wire drawing to final diameter > 0,5mm

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
Reduced energy required for forming
Fewer wear particles separate in the drawing cavity, giving stainless and scratch-free, shiny wire surfaces

Easily separable

Metallic wear particules 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	brown, clear
Density at 15°C [g/cm ³]	0,898
Kinematic viscosity at 40°C [mm ² /s]	157
Pour point [°C]	-9
Flash point (Cleveland) [°C]	276

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: 36 months
Recommended storage temperature: max. 40°C

Ordering information

Custom Tariff Number 27101991

SAP code and packaging:

13006242 MOL Fortilmo AWD 150 Special 180KG

216.5 l steel drum (for order only)

Order booking:

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