

MOL Polimet ME 17

environmentally compatible cutting oil



MOL Polimet ME 17 is a cutting oil developed for machining non-ferrous, light metals and easy to machine steels, which can be used in an economically effective way. It is a highly refined mineral oil containing components that prevent wear and modify friction, as well as additives that inhibit corrosion and reduce the tendency to form oil mists. It does not contain chlorine, PCB, PCT, heavy metal or barium compounds.

Application



Various cutting technologies (turning, drilling, thread machining, etc.)

Smooth surface machining

Processes on single- and multi-spindle automatic lathes or units

Automatic and easy-to-machine steel materials

Brass, bronze and other copper alloys

Aluminium alloys

Features and benefits

Excellent lubricity

Effective friction and wear reduction, giving a long life of tool edges
Lower specific tool cost

Inactive anti-wear additive content

General-purpose product for machining various metals (steel, non-ferrous and light metals)

Low viscosity

Improved cooling and rinsing effect, giving high manufacturing precision

Effective washing and rinsing properties

Excellent machined surface quality
Less scrap

Effective temporary corrosion protection

Reduced manufacturing and surface treatment costs

Low foaming tendency

Forms a continuous lubricating film, giving a balanced cooling effect and lubricity
Excellent surface quality and high manufacturing precision

Low mist formation tendency

Safer and more comfortable working environments

Mild odour

More comfortable working environments

Specifications and approvals

EMAG
ISO 6743-7: L-MHE

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Properties

Properties	Typical values
Appearance	yellow colored, clear
Density at 15°C [g/cm ³]	0,852
Kinematic viscosity at 40°C [mm ² /s]	15,6
Pour point [°C]	-26
Flash point (Cleveland) [°C]	200
Copper corrosion (121°C, 3 h) [grade]	1 b

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

Ordering information

Custom Tariff Number 27101991

SAP code and packaging:

13006496 MOL Polimet ME 17 170KG

216.5 l steel drum

13008798 MOL Polimet ME 17 860KG

IBC (for order only)

Order booking:

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