

MOL Acticut ME 10

environmentally compatible cutting oil



MOL Acticut ME 10 is a special chlorine-free high performance cutting oil that can be used for rough and fine machining of carbon steel, as well as heavy-alloy steel. It is a highly refined mineral oil containing additives that improve lubrication, prevent wear, provide pressure resistance, inhibit corrosion and reduce formation of oil mists. It does not contain PCB, PCT, heavy metal or barium compounds.

Application



Cutting technologies of various type and duty (turning, milling, drilling, thread machining, tothing processes etc.)

High speed grinding

Steel alloys

Alloy steels which are difficult to cut

Acid resistant and stainless steels

Limited applicability for machining of yellow metals due to active sulfur content

Features and benefits

Excellent lubricity in a wide range of temperatures and loads

Widely applicable for heavy-duty machining, allowing a reduced number of cutting oils

Longer service life of tool edges, giving reduced specific tool costs
Increased chip removal, giving improved productivity and reduced manufacturing costs

Low viscosity

Improved cooling and rinsing effect, giving high manufacturing precision

Effective washing and rinsing properties

Effective cleaning of grinding discs, so less frequent need for re-conditioning
Lower specific tool cost

Excellent temporary corrosion protection

Effective temporary corrosion protection of workpieces, giving reduced 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

Specifications and approvals

EMAG

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Properties

Properties	Typical values
Appearance	russet, clear
Density at 15°C [g/cm ³]	0,872
Kinematic viscosity at 40°C [mm ² /s]	10,5
Flash point (Cleveland) [°C]	160

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:

13006002 MOL Acticut ME 10 170KG

216.5 l steel drum (for order only)

Order booking:

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