

MOL Pneol 100

pneumatic tool oil



MOL Pneol 100 is a premium quality lubricating oil developed for manual tools and high-performance machine tools operated with compressed air. It is a highly refined mineral oil containing additives that inhibit oxidation, wear and corrosion, as well as additives for improving adhesion and emulsion forming. The rapid formation of an oil mist produces a lubricant film having a high film strength and excellent load carrying capacity, which reduces friction efficiently. When in direct contact with moisture it emulsifies the absorbed water, so the oil film protects the metal parts against corrosion.

Application



Pneumatic tools, screwdrivers, drills, hammer drills, impact wrenches and air hammers

Industrial equipment with pneumatic controls

Valves applied in vacuum technology

Features and benefits

Excellent lubricity

Forms a lubricant film layer with high load-carrying ability, so protects the condition of moving machine elements, facilitating efficient energy consumption

High viscosity index

Optimum lubrication and reliable operation in a wide range of environmental and operational temperatures

Excellent tackiness

Forms an evenly spread, continuous lubricating film which adheres strongly to the metal surface, ensuring continuity of lubrication

Good sprayability

A fine uniform oil spray is formed in air preparation units, providing efficient lubrication to machine parts

Excellent corrosion protection

Effective protection of steel and non-ferrous metal parts even in the presence of water

Active contamination control

Contaminants from air ingress (water, dust, etc.) are kept in fine suspension, preventing them from reaching surfaces and settling
Reduces friction and wear, to enable longer equipment lifetime

Specifications and approvals

Viscosity grade: ISO VG 100

ISO-L-PAB

ISO-L-PAC

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Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,890
Kinematic viscosity at 40°C [mm ² /s]	100
Kinematic viscosity at 100 °C [mm ² /s]	11,7
Viscosity index	105
Pour point [°C]	-24
Flash point (Cleveland) [°C]	240

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: 48 months

Recommended storage temperature: max. 40°C

Ordering information

Custom Tariff Number 27101999

SAP code and packaging:

13006482 MOL Pneol 100 180KG

216.5 l steel drum

Order booking:

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