

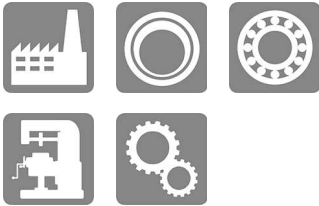
MOL TCL 270

circulating and machine-tool oil



MOL TCL 270 is a lubricating oil developed for the operation of bearings and drive gears of industrial equipment working with circulated lubrication systems. It is a highly refined mineral oil containing additives that inhibit oxidation and corrosion. It provides a high level of protection for metal components against corrosion and undue wear, it exhibits an excellent resistance to oxidation and thermal decomposition. It exhibits a rapid separation of air and water, as a result of which a reliable operation and long lifetime of oil and equipment can be achieved.

Application



Oil lubricated sliding and rolling bearings

Circulation systems of machine-tools

Low- and medium-duty enclosed industrial gear drives where EP performance is not required

Features and benefits

Excellent lubricity

Effective friction and wear reduction

Increased equipment service life, reduced spare parts and operational costs

Good thermal and oxidation stability

No harmful deposits are formed even at high temperatures
Longer oil service interval and reduced maintenance costs

Excellent water separation

Water is rapidly separated from the oil and can be drained from the system
Abnormal corrosion and wear of equipment can be prevented
Longer oil service interval and equipment lifetime

Excellent corrosion protection

Effective protection of steel and non-ferrous metal parts even in the presence of water
Long machine lifetime, so reduced maintenance cost

Low foaming tendency

Continuous lubricating film, even at high loads
Less downtime, giving reduced maintenance costs

Specifications and approvals

ISO 12925-1 CKB
ISO-L-CKB
DIN 51517-2 (CL)
Morgoil Lubricant Spec. Rev. 1.1

MOL TCL 270

circulating and machine-tool oil



Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,903
Kinematic viscosity at 40°C [mm ² /s]	274
Kinematic viscosity at 100 °C [mm ² /s]	20,85
Viscosity index	90
Pour point [°C]	-18
Flash point (Cleveland) [°C]	270

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