

MOL Compressol 220

compressor oil



MOL Compressol 220 is a high performance lubricant developed for the lubrication of cylinders and drive mechanisms of piston compressors. It is a mixture of highly refined mineral oils that have a low tendency to form deposits and highly efficient additives that inhibit oxidation and corrosion. It is excellent for lubricating high capacity compressors delivering and compressing air or other neutral gases, such as nitrogen, hydrogen and hydrocarbon derivatives. It enables extended oil change intervals. Depending on the load, 5000-8000 hour service intervals can be achieved without degradation or deposit formation of the oil. It cannot be used for the lubrication of oxygen and chlorine compressors, nor for compressors delivering aggressive gases.

Application



Single- and multi-stage reciprocating compressors

Air compressors working under arduous conditions and generating high pressures and discharge temperatures reaching 220 °C

Closed circuit compressors transmitting hydrocarbons or inert (non-corrosive) gases used in the chemical industry

Bearings operating at high temperatures

Features and benefits

Excellent lubricity

Effective friction and wear reduction

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

Outstanding thermal and oxidation stability

Resists the ageing process and deposit formation long term, even at high operating temperature and pressure conditions

Ensures cleanliness of compression chamber elements and bearings, enables extended oil service intervals and reduced maintenance costs

Excellent water separation

Condensed water separating at the bottom of the tank can be removed easily

A continuous lubricating film protects against abnormal wear

Longer oil service interval and equipment lifetime

Excellent corrosion protection

Extreme long term protection of steel and non-ferrous metal parts even in the presence of moisture

Specifications and approvals

Viscosity grade: ISO VG 220

ISO-L-DAB

DIN 51506 VDL

DIN 51517-2 (CL)

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Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,893
Kinematic viscosity at 40°C [mm ² /s]	224
Kinematic viscosity at 100 °C [mm ² /s]	18,7
Viscosity index	93
Pour point [°C]	-21
Flash point (Cleveland) [°C]	290
Conradson carbon residue [mass %]	0,17

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 27101981

SAP code and packaging:

13006073 MOL Compressol 220 180KG

216.5 l steel drum

13006072 MOL Compressol 220

Road tank car (for order only)

Order booking:

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