

MOL Compressol V

vacuum compressor oil



MOL Compressor V is a special lubricant for various types of vacuum pumps. It is a highly refined mineral oil containing no additives. This product has a natural anti-ageing property. Because of its special (low volatility) composition it can be used in a medium vacuum range (1 - 1x10⁻³ mbar). It is not recommended for vacuum compressors working under extreme conditions (e.g. equipment operated continuously at elevated temperatures). It cannot be used in the presence of corrosive gases or their vapours.

Application



Vacuum pumps

Features and benefits

Good load-carrying ability	Forms a stable lubricating film, reduces wear Provides appropriate wear protection of surfaces, even at high loads Increased operational safety, availability and lifetime of equipment
Outstanding thermal and oxidation stability	Resists the ageing process and deposit formation long term, even at high operating temperature and pressure conditions
Good corrosion protection	Long-term protection of steel and non-ferrous metal parts even in the presence of moisture
Low vapour pressure	Lubricating film thickness is not influenced by evaporation of volatile components, giving a stable operating performance
Excellent water separation	A continuous lubricating film protects against abnormal wear Condensed water separating at the bottom of the tank can be removed easily Longer oil service interval and equipment lifetime

Specifications and approvals

Viscosity grade: ISO VG 100
ISO-L-DVC
DIN 51506 VCL

Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,885
Kinematic viscosity at 40°C [mm ² /s]	102
Kinematic viscosity at 100 °C [mm ² /s]	11,2
Viscosity index	95
Pour point [°C]	-15
Flash point (Cleveland) [°C]	240

The characteristics in table are typical values of the product and do not constitute a specification.

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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:

13006086 MOL Compressol V 50KG

60 l steel drum (for order only)

Order booking:

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