



LUBRICATING GREASES

MOL Grafit LT 2EP

lithium-base lubricating grease

Product benefits

- protection against seizure
- excellent EP properties
- extended lifetime
- good water resistance
- good corrosion protection

Applications

MOL Grafit LT 2EP lubricating grease is the lubricant of equipment operating in heavy conditions with high risk of seizure in the industry, agriculture and automotive alike.

Suitable for lubricating bearings, pivots, joints and moderately loaded gears operating at low speed exposed to dynamic load.

As a result of solid additive content the product is applicable mainly in individual lubricating systems.

Temperature range for application: between -20°C and +130°C

Specifications and approvals

NLGI grade: NLGI 2
DIN 51502: KPF2K-20
ISO 6743-9: L-XBCEB 2

Product description

MOL Grafit LT 2EP lubricating grease with solid additives, consisting of highly refined mineral oil and lithium soap. In addition to oxidation, corrosion inhibitor, antiwear and EP additives it contains graphite. Due to the solid additives the grease can be used in equipment working under high load condition subjected to high risk of seizure.

Composition of the product provides long lifetime and good lubrication properties even under changing operation conditions. It has good mechanical, storage and oxidation stability providing good wear protection for a long time.

MOL Grafit LT 2EP has moderately soft consistency, smooth structure, black colour.



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Typical properties

Properties	Typical values
Base oil viscosity at 40 °C [mm ² /s]	200
Dropping point [°C]	185
Penetration after 60 strokes at 25 °C [0,1 mm]	285
Penetration change after 10000 strokes at 25 °C [0, 1 mm]	6
Four ball test, weld load [N]	3000
Four ball test 60 min/400 N wear diameter [mm]	0,65
Oxidation stability at 100 h / 100 °C pressure drop [kPa]	25
Corrosion at 100 °C/ 24 h (steel)	pass
Dynamic water - resistance at 79 °C [mass %]	5
Static water resistance at 90 °C [grade]	1-90

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

Storage and handling instructions

The product does not contain any toxic materials. During storage and handling the product usual health safety regulations for mineral oil products should be observed. It should be stored at covered place, free of direct sunlight and moisture.

In the original container under the recommended storage conditions: 36 months

Inflammability hazard: Grade IV.

Recommended storage temperature: max. 45°C