

MOL GRAFIT LT 2EP

LITHIUM-BASE

LUBRICATING GREASE



Benefits

- High performance solid additive content
- Excellent wear protection
- Excellent load-carrying properties
- Good mechanical and storage stability
- Excellent static water resistance
- Good thermal and oxidation stability
- Partial electrical conductivity
- Excellent corrosion protection
- Excellent yellow meta compatibility

Approvals

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

FOR INDIVIDUAL LUBRICATION SYSTEMS

MOL Grafit LT 2EP multipurpose lubricating grease produced from highly refined mineral oil and lithium 12-hydroxystearate based thickener. It contains additives that reduce wear, inhibit oxidation and corrosion, as well as EP additive and fine particle graphite to ensure its outstanding performance. Its solid additive content significantly increases the load carrying capacity of lubricated components, as well as ensuring a moderate electrical conductivity to the product.

It is a moderately soft, smooth, black coloured lubricating grease. The temperature range of application is between -20 °C and +130 °C.



APPLICATIONS & USAGE

DATASHEET

MOL Neoma NH 2 can be used on a long range of different applications. The product is e.g. used on the following applications.

- High temperature applications
- Equipment exposed to dynamic water loads
- Heavy duty sliding and rolling bearings
- Axles, joints and accessories
- Equipment exposed to vibrations
- Individual and central supply lubrication systems



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.

Recommended storage temperature: -5°C - +45°C.

Technical specifications

Properties	Typical values
Base viscosity at 40 °C (mm ² /s)	200
Dropping point °C	200
Penetration after 60 strokes at 25 °C (0,1mm)	280
Penetration change after 1000 strokes at 25 °C (0,1mm)	15
Four ball test, weld load (N)	3000
Four ball test 60 min/400 N wear diameter (mm)	0,7
Oxidation stability at 100h / 100 °C pressure drop (kPs)	25
Corrosion at 100 °C/24 h (steel)	pass
Copper corrosion (100 °C, 24 h)	1
Static water resistance at 90 °C (grade)	1-90
Dynamic water - resistance at 79 °C (mass %)	5
Graphite content (mass %)	2

The values are typical and guided. For further information please see the safety datasheet on www.petrochem.dke or contact us on info@petrochem.dk or call us at +45 7070 1881.

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