

MOL Favorit 2

lithium complex lubricating grease



MOL Favorit 2 is a multipurpose lubricating grease produced from high refined mineral oil and a lithium complex thickener. It contains additives that reduce wear, inhibit oxidation and corrosion, as well as EP additives and additive for improving adhesion in order to ensure outstanding performance. It has excellent mechanical stability, providing long term protection and lubrication.

It is a moderately soft, brownish yellow coloured, fibre drawing lubricating grease.

The temperature range of application is between -30 °C and +140 °C.

Application



High temperature applications
Heavy-duty sliding and rolling bearings
Bearings of electromotors
Road and railway wheel bearings
Individual lubrication systems

Features and benefits

Multipurpose lubricating grease

Wide range of applicability enables reduction of the number of lubricating oils
Warehousing and maintenance costs are reduced
Problems due to mixing of lubricating greases are minimized

Long lifetime

Re-greasing cycle time can be increased, economical application

Excellent mechanical and storage stability

Retains stable structure under load, so no softening of lubricating grease and no running off the lubrication point
Lubricating grease can be stored for long a period without oil separation, hardening or softening

Excellent load-carrying properties

Forms a continuous lubricating film that does not break even under dynamic load conditions

Excellent static water resistance

No softening or running off the lubrication point in wet, humid environments

Excellent wear protection

Reduced wear of contacting surfaces, even under varying operating conditions
Improved operational safety and high level of availability

Excellent tackiness

Forms a stable and uniform lubricating film, which is not squeezed from between contacting surfaces even under heavy loads
Prevents metallic contact at low speeds

Exceptional thermal and oxidation stability

No hardening of lubricating grease at high temperatures and minimum oil separation

Resistant to vibration

Lubricating grease structure remains stable; grease does not soften or run off the greasing point

Excellent corrosion protection

Extreme long term protection of steel and non-ferrous metal parts

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Specifications and approvals

NLGI grade: NLGI 2
DIN 51502: KP2N-30
ISO 6743-9: L-XCDEB 2

Properties

| Properties | Typical values |
|---|------------------------|
| Appearance | brownish yellow, tacky |
| Base oil viscosity at 40 °C [mm ² /s] | 200 |
| Dropping point [°C] | 270 |
| Penetration after 60 strokes at 25 °C [0,1 mm] | 280 |
| Penetration change after 10000 strokes at 25 °C [0,1 mm] | 20 |
| Shell Roll stability (100 °C/24h) penetration change [0,1 mm] | 30 |
| Four ball test, weld load [N] | 2800 |
| Timken OK load [Lb] | 40 |
| Oxidation stability at 100 h / 100 °C pressure drop [kPa] | 25 |
| Copper corrosion (100 °C, 24 h) [grade] | 1 |
| Dynamic water - resistance at 79 °C [mass %] | 2 |
| Static water resistance at 90 °C [grade] | 1-90 |
| Oil separation [mass %] | 0,5 |
| Wheel Bearing Leakage [mass %] | 0,5 |

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

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