

MOL Liton LT 2EP

lithium-base lubricating grease

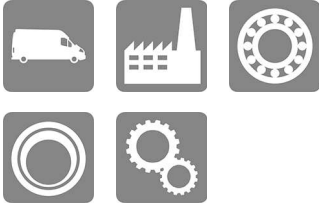


MOL Liton LT 2EP multipurpose lubricating grease produced from highly refined mineral oil and lithium 12-hydroxystearate thickener. It contains additives that reduce wear, inhibit oxidation and corrosion, as well as EP additive, to ensure outstanding performance.

It is a moderately soft, smooth, brown coloured lubricating grease.

The temperature range of application is between -30 °C and +120 °C, although with regular regreasing, up to +140 °C.

Application



Normal temperature applications

Heavy-duty sliding and rolling bearings

Medium-duty gear drives

Axles, joints and accessories

Individual and central supply lubrication systems

Features and benefits

Multipurpose lubricating grease

Wide range of applicability enables reduction of the number of lubricating oils

Problems due to mixing of lubricating greases are minimized

Warehousing and maintenance costs are reduced

Enables economical use

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

Contributes to increasing equipment lifetime

Excellent static water resistance

Provides reliable lubrication for equipment operating outdoors

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

Excellent pumpability

Can be transferred continuously even in long pipelines, does not harden and does not cause missed greasing

Exceptional thermal and oxidation stability

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

Cycle time of re-lubrication can be increased significantly

Excellent corrosion protection

Long-term protection against surface damage, even in the presence of moisture

Effectively contributes to potential reduction of maintenance costs

Excellent yellow metal compatibility

Prevents premature deterioration of non-ferrous metal parts

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Specifications and approvals

NLGI grade: NLGI 2
ZETOR
DIN 51502: KP2K-30
DIN 51825: KP2K-30
ISO 6743-9: L-XCCEB 2

Properties

| Properties | Typical values |
|---|-------------------------------------|
| Appearance | brown, homogenous |
| Base oil viscosity at 40 °C [mm ² /s] | 200 |
| Dropping point [°C] | 195 |
| Penetration after 60 strokes at 25 °C [0,1 mm] | 280 |
| Penetration change after 10000 strokes at 25 °C [0,1 mm] | 10 |
| Four ball test, weld load [N] | 2800 |
| Four ball test 60 min/400 N wear diameter [mm] | 0,6 |
| SKF ROF+ L50 grease life test [hour(s)] | min. 1000 óra (6000 f/perc, 120 °C) |
| Oxidation stability at 100 h / 100 °C pressure drop [kPa] | 25 |
| Corrosion at 100 °C/ 24 h (steel) | pass |
| Copper corrosion (100 °C, 24 h) [grade] | 1 |
| EMCOR test, distilled water [grade] | 0 |
| Dynamic water - resistance at 79 °C [mass %] | 4 |
| Static water resistance at 90 °C [grade] | 1-90 |
| Flow pressure at -20 °C [mbar] | 700 |

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

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Ordering information

Custom Tariff Number 27101999

SAP code and packaging:

| | | |
|----------|------------------------|------------------|
| 13006424 | MOL Liton LT 2EP 250G | 250g plastic jar |
| 13006425 | MOL Liton LT 2EP 400G | 400 g scroll |
| 13006427 | MOL Liton LT 2EP 8KG | 8 kg steel pail |
| 13006426 | MOL Liton LT 2EP 50KG | 60 l steel drum |
| 13006423 | MOL Liton LT 2EP 180KG | 213 l steel drum |

Order booking:

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