

# MOL Liton LT 2EP

## lithium-base lubricating grease

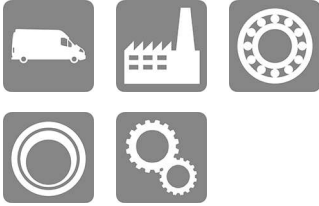


MOL Liton LT 2EP multipurpose lubricating grease produced from highly refined mineral oil and lithium 12-hydroxystearate thickener. It contains additives that reduce wear, inhibit oxidation and corrosion, as well as EP additive, to ensure outstanding performance.

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 <sup>2</sup> /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:

13301906	MOL Liton LT 2EP 250G	250g plastic jar
13301907	MOL Liton LT 2EP 400G	400 g scroll
13301909	MOL Liton LT 2EP 8KG	8 kg steel pail
13302039	MOL Liton LT 2EP 15KG	21,5 l plastic pail (for order only)
13300337	MOL Liton LT 2EP 17KG	20 l steel pail (for order only)
13301908	MOL Liton LT 2EP 50KG	60 l steel drum
13301905	MOL Liton LT 2EP 180KG	213 l steel drum
13301361	MOL Liton LT 2EP 730KG	Fluid Bag grease container (for order only)

#### Order booking:

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