

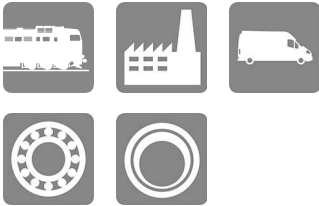
MOL Liton 2EP

lithium-base lubricating grease



MOL Liton 2EP is a 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. Due to its high stability and structure that withstands vibration, it can be used in railway wheel bearings. It is a moderately soft, smooth, brown coloured lubricating grease. The temperature range of application is between -25 °C and +120 °C.

Application



Heavy-duty sliding and rolling bearings
Road and railway wheel bearings
Normal temperature applications
Equipment exposed to vibration
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
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
Resistant to vibration	Lubricating grease structure remains stable; grease does not soften or run off the greasing point
Excellent load-carrying properties	Forms a continuous lubricating film that does not break even under dynamic load conditions Contributes to increasing equipment lifetime
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 static water resistance	Provides reliable lubrication for equipment operating outdoors No softening or running off the lubrication point in wet, humid environments
Excellent corrosion protection	Long-term protection against surface damage, even in the presence of moisture
Excellent yellow metal compatibility	Prevents premature deterioration of non-ferrous metal parts

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Specifications and approvals

NLGI grade: NLGI 2
DIN 51502: KP2K-25
ISO 6743-9: L-XBCEB 2
SKF V2F - DIN EN 14865-2:2011-010

Properties

Properties	Typical values
Appearance	brown, homogenous
Base oil viscosity at 40 °C [mm ² /s]	200
Dropping point [°C]	200
Penetration after 60 strokes at 25 °C [0,1 mm]	260
Penetration change after 10000 strokes at 25 °C [0,1 mm]	10
Four ball test, weld load [N]	2600
Four ball test 60 min/400 N wear diameter [mm]	0,5
Four ball test 60 sec/1000 N wear diameter [mm]	0,75
Timken OK load [Lb]	40
Oxidation stability at 100 h / 100 °C pressure drop [kPa]	25
SKF V2F test	pass
Corrosion at 100 °C/ 24 h (steel)	pass
Copper corrosion (100 °C, 24 h) [grade]	1
Dynamic water - resistance at 79 °C [mass %]	3
Static water resistance at 90 °C [grade]	1-90
Oil separation [mass %]	3
Roll. stab. (100 °C,24 h), penet. after. [0,1 mm]	30

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:

13301899 MOL Liton 2EP 50KG
13301898 MOL Liton 2EP 180KG

60 l steel drum
213 l steel drum

Order booking:

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