

MOL Liton LT 2/3

lithium-base lubricating grease



MOL Liton LT 2/3 lubricating grease produced from highly refined mineral oil and lithium thickener. It contains antiwear and corrosion inhibitor additives. Its stable grease structure ensures the proper protection of lubricated surfaces.

It is a medium soft, smooth and brown lubricating grease.

The temperature range of application is between -30°C and +120°C.

Application



Normal temperature applications

Low- and medium-duty rolling bearings

Axles, joints and accessories

Individual and central supply lubrication systems

Features and benefits

Good mechanical and storage stability

Retains stable structure under load, so no softening of lubricating grease and no running off the lubrication point
Long-term storage is possible without oil separation or lubricating grease hardening

Good wear protection

Wear between contacting surfaces is reduced
Contributes to increasing equipment lifetime

Low coefficient of friction

Lower operating temperatures, giving increased lubricant lifetimes

Excellent static water resistance

Provides reliable lubrication for equipment operating outdoors
No softening or running off the lubrication point in wet, humid environments

Good oxidation stability

Slow natural ageing process, long equipment and oil lifetime

Excellent corrosion protection

Long-term protection against surface damage
Effectively contributes to potential reduction of maintenance costs

Good yellow metal compatibility

Prevents premature deterioration of non-ferrous metal parts

Specifications and approvals

NLGI grade: NLGI 2/3
DIN 51502: K2/3K-30
ISO 6743-9: L-XCCEA 2/3

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Properties

Properties	Typical values
Appearance	brown, homogenous
Base oil viscosity at 40 °C [mm ² /s]	100
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
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 %]	5
Static water resistance at 90 °C [grade]	1-90
Oil separation (100 °C/24 h) [mass %]	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

Ordering information

Custom Tariff Number 27101999

SAP code and packaging:

13006422	MOL Liton LT 2/3 8KG	8 kg steel pail
13005344	MOL Liton LT 2/3 50KG	60 l steel drum
13005343	MOL Liton LT 2/3 180KG	213 l steel drum

Order booking:

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