

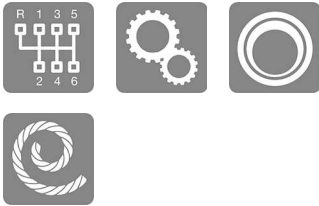
MOL Liton 00EP

lithium-base lubricating grease



MOL Liton 00EP lubricating grease produced from highly refined, high viscosity mineral oil and lithium 12-hydroxistearate thickener. It has good pumping ability even in cold weather. It contains additives that reduce wear, inhibit oxidation and corrosion, as well as EP additive. It is a very soft, smooth, brown coloured lubricating grease. The temperature range of application is between -30 °C and +120 °C.

Application



Central supply lubrication system of commercial vehicles and off-highway machines

Sliding parts of chassis, joints, bolts

Low- and medium-duty enclosed gear drives

Sliding bearings

Central supply lubrication systems

Features and benefits

Excellent pumpability

Applicable in central lubricating systems safely, even at varying temperatures
Can be transferred continuously even in long pipelines, does not harden and does not cause missed greasing

Excellent properties at low temperatures

Problem-free starting even at low temperatures

Good load-carrying ability

Provides a continuous lubricating film between surfaces
Provides appropriate wear protection of surfaces, even at high loads
Increased operational safety, availability and lifetime of equipment

Good wear protection

Wear between contacting surfaces is reduced
Reliable equipment protection and long machine lifetime

Good corrosion protection

Protection against surface damage

Good mechanical and storage stability

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

Good yellow metal compatibility

Prevents premature deterioration of non-ferrous metal parts

Good thermal and oxidation stability

Stable structure at high temperatures, so no hardening of lubricating grease and minimum oil separation

Specifications and approvals

NLGI grade: NLGI 00
ISO 6743-9: L-XCCEB 00
DIN 51502: GP00K-30

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Properties

Properties	Typical values
Appearance	brown, homogenous
Base oil viscosity at 40 °C [mm ² /s]	400
Dropping point [°C]	180
Penetration after 60 strokes at 25 °C [0,1 mm]	415
Penetration after 0 strokes at 25 °C [0,1 mm]	425
Four ball test, weld load [N]	3000
Four ball test 60 min/400 N wear diameter [mm]	0.5
Corrosion at 100 °C/ 24 h (steel)	pass
Copper corrosion (100 °C, 24 h) [grade]	1
Flow pressure at -20 °C [mbar]	1400

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