

MOL Liton 00

automotive lubricating grease



MOL Liton 00 is a high performance lubricating grease having improved water resistance, produced from synthetic base oil (PAO), using lithium and calcium 12-hydroxystearate thickener. It has an outstandingly good pumping ability even in extremely cold weather. It is approved by WILLY VOGEL as a lubricant for central lubricating systems. It is a semi-solid, blue coloured lubricating grease. Application: As lubricating grease approved by Willy Vogel: between -40 °C and +80 °C. In other applications: between -40 °C and +120 °C.

Application



Low temperature applications

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

Sliding parts of chassis, joints, bolts

Low- and medium-duty rolling bearings

Central supply lubrication systems

Features and benefits

Extreme cold flow properties

Reliable operation and good pumpability, even at extremely low temperatures

Continuous pumpability in central-supply lubrication systems; no hardening and no greasing dropout

Low coefficient of friction

Lower operating temperatures, giving increased lubricant lifetimes
Contributes to reduced energy consumption, which improves equipment efficiency

Good load-carrying ability

Forms a continuous lubricating film with a high load-carrying ability

Improved wear protection

Wear of contacting surfaces is significantly reduced
Reliable equipment protection and long machine lifetime
Improved operational safety and high level of availability

Excellent corrosion protection

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

Excellent yellow metal compatibility

Prevents premature deterioration of non-ferrous metal parts

Specifications and approvals

NLGI grade: NLGI 00

Vogel

DIN 51502: KHCP00K-40

ISO 6743-9: L-XDCEB 00

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Properties

Properties	Typical values
Appearance	turquoise, homogeneous
Base oil viscosity at 40 °C [mm ² /s]	40
Dropping point [°C]	180
Penetration after 60 strokes at 25 °C [0,1 mm]	415
Four ball test, weld load [N]	2200
Four ball test 60 min/400 N wear diameter [mm]	0,6
Copper corrosion (100 °C, 24 h) [grade]	1
EMCOR test, distilled water [grade]	0
Static water resistance at 90 °C [grade]	1-90
Oil separation (40°C/72h) [mass %]	10
Oil separation (40°C/168h) [mass %]	15
Flow pressure at -35 °C [mbar]	55

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: 24 months

Recommended storage temperature: -5°C - +45°C

Ordering information

Custom Tariff Number 34031980

SAP code and packaging:

13009551 MOL Liton 00 7KG
13005354 MOL Liton 00 50KG

8 kg steel pail (for order only)
60 l steel drum (for order only)

Order booking:

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