

MOL Calton C 1

calcium-base lubricating grease



MOL Calton C 1 is a water absorbing lubricating grease produced from highly refined mineral oil and a calcium thickener. Its properties are beneficial at low temperatures, but it cannot be used at temperatures above +60 °C. This is because the small quantity of water, that stabilizes the grease structure, evaporates at higher temperatures, and its structure is destroyed. It is a soft, smooth, black coloured lubricating grease. The temperature range of application is between -30 °C and +60 °C.

Application



Axles, joints and accessories exposed to water

Wire ropes

Protection of painted surfaces in the automotive industry

Central supply lubrication systems

Features and benefits

Good dynamic water resistance

Reliable lubrication, even under load in the presence of water, so no running off the lubrication point

Good storage stability

Long-term storage is possible without oil separation or lubricating grease hardening

Compatible with paints and lacquers

No surface damage is caused to previously painted parts during their assembly in the automotive industry
Excellent applicability as an assembly aid material

Good corrosion protection

Protection against surface damage

Excellent yellow metal compatibility

Prevents premature deterioration of non-ferrous metal parts

Specifications and approvals

NLGI grade: NLGI 1
DIN 51502: K1C-30
ISO 6743-9: L-XCAHA 1

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Properties

Properties	Typical values
Appearance	brown, homogenous
Base oil viscosity at 40 °C [mm ² /s]	100
Dropping point [°C]	85
Penetration after 60 strokes at 25 °C [0,1 mm]	330
Corrosion at 60°C/ 12 h (steel)	pass
Corrosion at 60 °C/ 3 h (copper) [grade]	1
EMCOR test, distilled water [grade]	0
Static water resistance at 40 °C [grade]	1-40

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:

13006060 MOL Calton C 1 8KG

8 kg steel pail (for order only)

13006058 MOL Calton C 1 180KG

213 l steel drum (for order only)

Order booking:

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