

MOL Calton C 3

calcium-base lubricating grease



MOL Calton C 3 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 over +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 semi-hard, smooth and red grease. The temperature range of application is between -20 °C and +60 °C.

Application



Axles, joints and accessories exposed to water

Wire ropes

Individual lubrication systems

Features and benefits

Good dynamic water resistance

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

Good wear protection

Wear between contacting surfaces is reduced

Good storage stability

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

Good corrosion protection

Protection against surface damage
Long-term protection of steel and non-ferrous metal parts even in the presence of moisture

Good sealing properties

Effectively protects against contaminant ingress and consequent surface damage
Reduced risk of damage due to contaminated grease, giving a longer lubricant service life

Specifications and approvals

NLGI grade: NLGI 3
DIN 51502: K3C-20
ISO 6743-9: L-XBAHA 3

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Properties

Properties	Typical values
Appearance	red, homogeneous
Base oil viscosity at 40 °C [mm ² /s]	100
Dropping point [°C]	95
Penetration after 60 strokes at 25 °C [0,1 mm]	230
Corrosion at 60°C/ 12 h (steel)	pass
Corrosion at 60 °C/ 3 h (copper) [grade]	1 b
EMCOR test, distilled water [grade]	1
Dynamic water - resistance at 79 °C [mass %]	3

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:

13006065	MOL Calton C 3 8KG	8 kg steel pail (for order only)
13006064	MOL Calton C 3 X50KG	60 l steel drum (for order only)
13006063	MOL Calton C 3 180KG	213 l steel drum (for order only)

Order booking:

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