

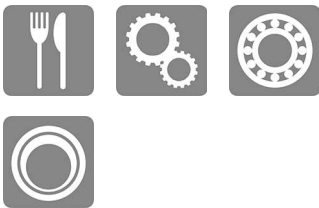
MOL Food Grease 00

food-grade lubricating grease



A MOL Food Grease 00 is a lubricating grease produced from synthetic base oil and an aluminium complex thickener. It is a category H1 product registered by NSF: "This product can be used as food-grade lubricant (H1) in the direct and indirect environment of food processing, where there is a possibility of incidental food contact." Particular attention should be paid to avoid contamination of the used food-grade lubricant by other kinds of lubricants. Its structure is resistant to chemicals, so it can be used in slightly alkaline and acidic environments. It is a soft, yellowish white lubricating grease. The temperature range of application is between -30 °C and +140 °C.

Application



General food industry application

Low- and medium-duty enclosed industrial gear drives where EP performance is not required

Medium-duty sliding and rolling bearings

Threads, bolts, joints, springs

Central supply lubrication systems

Features and benefits

Neutral odour and taste

No change to flavours in case of contact with foodstuffs below the permitted range

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

Excellent low-temperature pumpability

Continuous pumpability in central-supply lubrication systems; no hardening and no greasing dropout
Easy start-up; low starting and operational torque

Good tackiness

Forms a continuous lubricating film which adheres strongly to the metal surface

Low resistance to chemicals

No softening and running off the lubrication point in slightly alkaline or acidic environment

Exceptional thermal and oxidation stability

No hardening of lubricating grease at high temperatures and minimum oil separation
Longer lubricant lifetime, so reduced operational costs

Excellent corrosion protection

Effective protection of steel and non-ferrous metal parts even in the presence of water

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Specifications and approvals

NLGI grade: NLGI 00
NSF H1[142055]
DIN 51502: GHC00N-30
ISO 6743-9: L-XCDHA 00

Properties

Properties	Typical values
Appearance	light yellow-grey, transparent
Base oil viscosity at 40 °C [mm ² /s]	400
Dropping point [°C]	215
Penetration after 60 strokes at 25 °C [0,1 mm]	415
Four ball test 60 min/400 N wear diameter [mm]	0,58
Oxidation stability at 100 h / 100 °C pressure drop [kPa]	40
Corrosion at 100 °C/ 24 h (steel)	pass
Copper corrosion (100 °C, 24 h) [grade]	1
EMCOR test, synthetic seawater [grade]	0
Static water resistance at 90 °C [grade]	1-90

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:

13006933 MOL Food Grease 00 8KG

8 kg steel pail (for order only)

13008839 MOL Food Grease 00 X180KG

213 l steel drum (for order only)

Order booking:

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