



## **LUBRICATING GREASES**

### **MOL Food Grease 2**

*food-grade lubricating grease*

#### **Product benefits**

- food grade grease
- excellent mechanical stability
- good water resistance
- very good wear protection
- low friction
- excellent corrosion protection

#### **Applications**

MOL Food Grease 2 lubricating grease is suitable for applications where there is a risk for accidental contact of food and lubricant.

The grease can be widely used in the food industry: high and low performance food processing equipment, packaging and transmission units. Suitable for lubrication of machinery working in moisture and steam.

It has excellent water resistance, good behaviour in presence of mild acids and bases.

Temperature range: between -30°C and +150°C

#### **Specifications and approvals**

NLGI grade: NLGI 2  
NSF H1[142057]  
DIN 51502: KHC2N-30  
ISO 6743-9: L-XCDHA 2

#### **Product description**

MOL Food Grease 2 special high performance lubricating grease is produced with synthetic base oil and aluminium complex thickener for the food industry.

The grease contains corrosion inhibitor, antioxidant, antiwear and antifricition additives. Due to the composition it has excellent mechanical and oxidation stability, good tackiness. Water resistant product. It can be used for the lubrication of non-ferrous metals, too.

MOL Food Grease 2 has moderately soft consistency, yellow colour.



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food-grade lubricating grease

### Typical properties

| Properties  | Typical values                   |
|---|----------------------------------|
| Appearance  | yellow, homogeneous, translucent |
| Base oil viscosity at 40 °C [mm <sup>2</sup> /s]          | 400                              |
| Dropping point [°C]                                       | 250                              |
| Penetration after 60 strokes at 25 °C [0,1 mm]            | 280                              |
| Four ball test 60 min/400 N wear diameter [mm]            | 0,6                              |
| Oxidation stability at 100 h / 100 °C pressure drop [kPa] | 60                               |
| Corrosion at 100 °C/ 24 h (steel)                         | pass                             |
| Corrosion at 80°C/24 h (steel)                            | pass                             |
| Copper corrosion (80 °C, 24 h) [grade]                    | 1                                |
| EMCOR test, synthetic seawater [grade]                    | 0                                |
| Dynamic water - resistance at 79 °C [mass %]              | 3,0                              |
| Static water resistance at 90 °C [grade]                  | 1-90                             |
| Oil separation [mass %]                                   | 1,0                              |
| Wheel Bearing Leakage [mass %]                            | 1                                |
| Penetration after 10000 strokes at 25 °C [0,1 mm]         | 296                              |

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

Inflammability hazard: Grade IV.

Recommended storage temperature: max. 45°C

### Ordering information

#### SAP code and packaging:

13006937 8 kg steel can

13006936 food 400g

#### Order booking ( toll-free):

Phone: 80/201-331 (between 07-16 h weekdays )

Manufactured and distributed by MOL-LUB Ltd.

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