

**MULTIPURPOSE H1
LUBRICANT FOR FOOD
INDUSTRY**

- colourless
- reduces friction and wear
- dirt and water repellent
- resistant to hot and cold water
- protects against corrosion
- long service life

**General Information**

FOOD GEL is a physiologically harmless multi-purpose grease that meets the requirements for a lubricant in food processing. FOOD GEL resists water and salt solutions in operating temperatures of -15 °C to +130 °C. In contact of lubricant with food or

with a raw material, must be contaminated part removed and cannot be used for human consumption. FOOD GEL is biodegradable over 90% and offers a very good lubricating and durability. It also features excellent anticorrosive and protective properties.

Technical Information

Physical state: paste
Colour: colourless
Odour: odourless
Thickener: Inorganic
Base oil: Medical white oil, synthetic KW
Base oil viscosity at 40 °C:
Approximately 200 mm²/s
Viscosity index: > 100

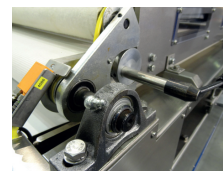
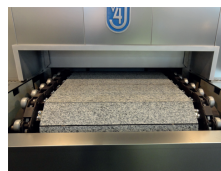
Service temperature range: -15 °C to +130 °C (briefly +150 °C)
Initial boiling point and boiling range: 218 °C
Flash point: 170 °C
VKA: 2.200 N
Density (at 20 °C): 0.9 g/cm³
Water solubility: practically insoluble
Safety measures: consult the Safety Data Sheet.

Application and Use

- Appliaton:
FOOD GEL is used in all types of food establishments in the manufacturing, processing, storage and final preparation of food and beverage.
FOOD GEL is widely used in meat factories, canneries, bakeries, kitchens and restaurants, dairies, bottling plants, food warehouses and breweries. Furthermore, it is used in water plants, agriculture, forestry and in other companies, where the use of conventional lubricants and their eventual release into the environment could cause environmental damage or accidents
FOOD GEL can be used for lubrication of rolling bearings, plain bearings and other mechanical parts.

- Use:
Thoroughly clean the places to be lubricated first. Apply thinly and evenly to the parts to be lubricated. Fill roller bearings only to a maximum of 80%. Only fill to 60% of the bearing volume at most in the high temperature range (observe the rules laid down by the bearing maker).

Article nr	Name	Content	Shelf Life	Catalog
X502005	Food Gel	400g	see imprint + 36 months	LUBRICANTS

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