

FOE

HIGH PERFORMANCE H1 LUBRICANT FOR FOOD INDUSTRY

- Superior Four-Ball-Test (min. 4.800 N)
- extreme pressure resistance
- Temperature range -50 °C to +180 °C
- resistant to age and shear
- reduces friction and wear
- dirt and water repellent
- resistant to hot and cold water
- excellent against corrosion
- extra-long service life
- use for central lubricating system
- classification acc. to DIN 51 825: K P HC 2 P-50
- PFAS FREE
- NSF CERTIFICATE



Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

FOOD LUBE EXTREME

General Information

FOOD LUBE EXTREME is a special lubricating grease for various and extreme operating conditions in the foodstuffs industry. Designed for the most difficult operating conditions in which standard lubricating greases for the foodstuffs industry hit their limits. A wide temperature range and extreme water and

pressure resistance are further characteristics not displayed by foodstuffs machinery lubricating greases yet. FOOD LUBE EXTREME is also suitable for uses outside the foodstuffs industry that require water resistance, a wide temperature range and/or high RPM.

Technical Information

Physical state: paste
 Colour: cream
 Odour: solvent-like
 Initial boiling point and boiling range: 100 °C
 Flash point: > 200 °C
 Density (20 °C): 0.9225 g/cm³
 Water solubility: practically insoluble
 Thickener: Ca sulphonate complex soap
 Base oil: Synthetic
 Base oil viscosity (at 40°C): 46 mm²/s
 Base oil viscosity (at 100°C): 8 mm²/s
 Viscosity index: > 130
 Consistency class 2 NLGI
 VKA: Min. 4,800 N

AEROSOL
 Physical state: Aerosol
 Colour: brown
 Odour: Mineral oil
 Initial boiling point and boiling range: -40 °C
 Flash point: -80°C
 Lower flammability or explosive limits: 0.5 Vol-%
 Upper flammability or explosive limits: 10.8 Vol-%
 Density (at 20°C): 0.744 g/cm³ DIN 51757
 Water solubility: practically insoluble
 Service temperature range: - 50°C to +180°C (briefly 220°C)
 nDm factor: 600,000 for ball bearings,
 250,000 for roller bearings
 Shelf life: 12 month
 Safety measures: consult the Safety Data Sheet.

Application and Use

- **Application:**
 FOOD LUBE EXTREME may be used with food processing and food packaging machinery. A wide temperature range, extreme water resistance and excellent pumpability making it ideal for use in centralized lubrication systems
 Areas for use:
 Food Processing Plants, Food Packaging Plants, Food Storage Vessels/Tanks, Freezer Lockers, Fire Hydrants
 Cold Storage Warehouses, Milk Processing Plants/Dairies
 Meat Cutting Plants, Fish Processing Plants, Restaurants, Golf Courses/Greens Equipment, Farms.
- **Use:**
 Thoroughly clean the places to be lubricated with SAFE CLEAN first.
 Grease:
 Apply thinly and evenly to the parts to be lubricated (observe the rules laid down by the bearing maker). If it is used where it may contact foodstuffs then only technically feasible minimum quantity may be used.
 If used as an anti rust film on surfaces that may contact foodstuffs then it must be completely removed before the equipment concerned may be used again.
 Spray:
 Spray on evenly from a distance about 20 cm and shortly allow to evaporate. Do not spray on hot surfaces or use in direct sunlight.

Article nr	Name	Content	Shelf Life	Catalog
T203001	Food Lube Extreme 400g	400g	see imprint + 36 months	LUBRICANTS
T203002	Food Lube Extreme Aerosol 400ml	400ml	see imprint + 36 months	LUBRICANTS
T204001	Safe Clean Aerosol 500ml	500ml	see imprint + 36 months	CLEANERS AND DEGREASERS



LUBRICANTS

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