



FG

Food Guard Supreme

**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 an shear
- reduces friction and wear
- dirt and water repellent
- resistant to hot and cold water
- excellent against corrosion
- extra-long service live
- use for central lubricating system
- classification acc. to DIN 51 825: K P HC 2 P-50

**General Information**

FOOD GUARD SUPREME 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 GUARD SUPREME is also suitable for uses outside the foodstuffs industry that require water resistance, a wide temperature range and/or high RPM.

Technical Information**PASTE**

Physical state: paste
Colour: cream
Odour: solvent-like
Initial boiling point and boiling range: 100°C
Flash point: > 200°C
Density (at 20°C): 0.9225 g/cm³
Thickener: Ca sulphate 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
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.

AEROSOL

Physical state: Aerosol
Colour: brown
Odour: Mineral oil
Initial boiling point and boiling range: -40°C
Flash point: -80°C
Upper/lower flammability or explosive limits: 0.5 - 10.8 Vol-%
Density (at 20°C): 0.744 g/cm³

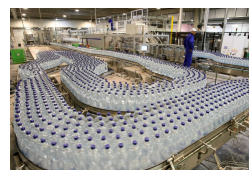
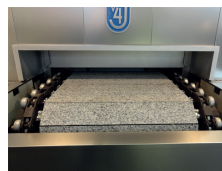
Application and Use

- **Application:**
FOOD GUARD SUPREME 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 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
X503001	Food Guard Supreme	400g	see imprint + 36 months	LUBRICANTS
X503002	Food Guard Supreme Aerosol	400ml	see imprint + 36 months	LUBRICANTS
X503101	Food Guard Supreme LS	400g	see imprint + 24 months	LUBRICANTS

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