

## FGS

### 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



### 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 GUARD SUPREME

### 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

Colour: light beige  
 Odour: odourless  
 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  
 Initial boiling point and boiling range: > 100°C, -40°C (aerosol)  
 Flash point: > 200° C, (-80 °C aerosol)

Ignition temperature: > 200°C  
 Lower explosion limits: 1  
 Upper explosion limits: 11  
 Density (at 20 °C): 0,832 g/cm³ DIN 51757  
 Density (at 20 °C): 0,744 g/cm³ DIN 51757 (aerosol)  
 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 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	Section
T203001	Food Guard Supreme	400g	LUBRICANTS
T203002	Food Guard Supreme Aerosol	400ml	LUBRICANTS
T203101	Food Guard Supreme LS	400g	LUBRICANTS

