

PRODUCT DATA SHEET

FOODGUARD High Temp Grease

High Temperature, Extreme Performance Grease

FOODGUARD High Temp Grease is designed as a high temperature resistant food grade grease, containing PTFE anti-wear and other additives. **FOODGUARD High Temp Grease** is suitable for all plain and anti-friction bearings as well as sliding surfaces. Resistant to a wide range of chemical cleaning solutions used in the food and drink industries.

PRODUCT BENEFITS

- NSF: H1 registered (Lubricant with incidental food contact- for use in and around food processing areas)
- Provides long term lubrication at high temperatures, extending lubrication intervals
- Reduced formation of carbon deposits often associated with many high temperature greases
- Good sealing properties protect against the ingress of corrosive contaminants
- PTFE solid lubricant improves anti-wear performance prolonging component life
- Compatible with most types of rubber seals

TYPICAL APPLICATIONS

Suitable for all plain and anti-friction bearings as well as sliding surfaces.

Technical Data

Appearance	-	White semi-translucent grease
NLGI Classification	-	2
Thickener	-	Inorganic Thickener
Drop point (IP 132)	-	None
Base oil	-	High viscosity silicone oil
Solid lubricant	-	PTFE
Copper corrosion (IP112)	-	Pass
Water washout (ASTM D1264) @ 38 °C	-	<2% max.
Dynamic corrosion resistance (EMCOR) (IP 220)	-	0:0
Shell Four Ball (IP239) Weld load	-	180kg
Mean Hertz Load	-	30kg
dN factor	-	200,000
Operating temperature range	-	-20°C to +220°C

PRODUCT DATA SHEET

FOODGUARD High Temp Grease

GENERAL INFORMATION

FOODGUARD High Temp Grease can be applied by hand, or by using a standard grease gun (400g cartridges are available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

HEALTH AND SAFETY INFORMATION

All ingredients are FDA listed ingredients under 21 CFR 178.3570. **FOODGUARD High Temp Grease** is NSF H1 registered and meet the USDA 1998 H1 Guidelines. These products do not contain genetically modified ingredients, and nut oil or derivatives. The product is non-hazardous. A Material Safety Data Sheet is available from the Guardian Food Grade Oils Technical Department upon request or available on our website.

Product Code: 6206

Pack Size: 400gm Cart, 2.5Kg

The content of this data sheet is given in good faith but without warranty (August 2017).