

PRODUCT DATA SHEET

PRODUCT NAME: High Temperature Food Grease CODE: FF175

Premium quality high temperature food industry bearing grease, which contains PTFE anti-wear and other additives and is NSF H1 registered. Suitable for use in plain anti-friction bearings as well as sliding surfaces, guides and small high speed bearings. FF175 is resistant to a wide range of chemicals and commonly used food industry cleaning solutions.

BENEFITS

1. Long term lubrication at high temperatures
2. WRAS approved for use with water up to 85°C.
3. Greatly reduced carbon deposits at high temperatures.
4. Seals out moisture and protects components from corrosion.
5. Anti-wear additives prolong component life
6. Compatible with most rubber and plastic sealing materials

APPLICATION

HIGH TEMPERATURE FOOD GREASE may be applied by hand, or by using a standard grease gun (400gm cartridges are available), or via a central lubricating system capable of pumping an NLGI No. 2 grease.

TYPICAL PHYSICAL CHARACTERISTICS

NLGI Classification	2
Thickener	Silica
Drop point (IP 132)	N/A
Base Oil	High viscosity silicone oil
Solid lubricant	PTFE
Copper corrosion (IP112)	Negative
Water washout (ASTM D1264)@38°C	<2% max.
Dynamic corrosion resistance (EMCOR) (IP220)	0:0
Shell Four Ball (IP239) Weld load	180Kg
Operating temperature range	-30°C to +230°C

This grease is recommended for use where incidental contact with food may occur. Registered by INS (Class H1) and NSF (Class H1) and meets the USDA H1 guidelines (1998) for lubricants for use where there is a potential for incidental food contact.

Made only from substances permitted under the US FDA Title 21 CFR 178.3570, 178.3620 and/or those generally regarded as safe (US 21 CFR 182) for use in food grade lubricants.

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To comply with the requirements of US 21 CFR 178.3570, contact with food should be avoided where possible. In the case of incidental food contact, the concentration of this product in the food must not exceed 10 parts per million (10mg/kg of foodstuff). In locations and/or applications where local legislation does not specify maximum concentration limits, it is recommended that this same 10 ppm limit be observed, as up to this concentration FF175 Hi Temp Food Grease will not impart undesirable taste, odour or colour to food, nor will cause adverse health effects.

Consistent with good manufacturing practice, use only the minimum amount necessary to achieve desired lubrication result and take appropriate corrective action should excessive incidental contact with food be detected.

All ingredients are FDA listed, **H1 Registered and meets the USDA 1998 H1 guidelines**

INS Registration No.1794547 & NSF H1 registered and meets the USDA 1998 H1 Guidelines. NSF Registration No124142 . This product contains no nut derived or genetically modified ingredients.



LIMITED WARRANTY MDS Europe Ltd makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in MDS Europe Ltd. materials and workmanship. This limited Express Warranty is in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of MDS Europe Ltd. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and MDS Europe Ltd. shall not be liable for incidental or consequential damages.

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