

PRODUCT DATA SHEET

PRODUCT NAME : ULTRA CLEAR FOOD BEARING GREASE

PRODUCT CODE : FF152

INS and NSF H1 Registered for food plant use.

ULTRA CLEAR FOOD BEARING GREASE is a synthetic gel-like grease suitable for a wide range of applications in the Food, Drink and Pharmaceutical industries or where a clean lubricating grease is desired. ULTRA CLEAR FOOD BEARING GEASE is non-melting, non-toxic and is suitable for the lubrication of plain, linear and rolling element bearings as well as for the lubrication of plastic components and O rings. The inclusion of PTFE provides good anti-wear properties. All ingredients are FDA listed and the product is registered as InS H1 and NSF H1 suitable for use in food production areas where incidental unavoidable contact with food may occur.

COST SAVING BENEFITS

1. Resistance to the wet and chemicals enables lubrication intervals to be extended
2. Wide temperature range makes this a very versatile grease
3. Excellent anti-wear performance prolongs component life
4. Good resistance to vibrating conditions extending lubrication intervals

METHOD OF APPLICATION

ULTRA CLEAR FOOD BEARING GREASE can 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

Appearance	-	White translucent grease
Base Fluid	-	Synthetic Hydro-Carbon
NLGI Classification	-	2
Thickener	-	Silica
Drop point (IP 132)	-	Non melting
Base oil	-	Blend of Synthetic Hydrocarbons
Viscosity @ 40°C	-	80 cSt
Oil Separation	-	None
Solid lubricant	-	PTFE
Water washout (ASTM D1264) @ 38 °C	-	< 2% max.
Dynamic corrosion resistance (EMCOR) (IP 220)	-	0:0
Shell Four Ball – Weld Load (IP239)	-	210kg
dN factor	-	500,000
Operating temperature range	-	-40°C to +160°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 FF152 Ultra Clear Food Bearing 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.



**NonFood Compound
Program listed**

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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