

PRODUCT DATA SHEET

PRODUCT NAME: Food Plant Spray Grease

CODE: FF117

NSF Registered H1/ INS Registered H1

Designed for use in applications within food processing plants where incidental contact with food is possible, FF117 is premium quality long lasting synthetic food grade grease, for use in all antifriction, plain bearings, slides and guides found in food processing machinery. Totally resistant to aggressive chemical wash off including concentrated caustic solutions. FF117 will outlast other aerosol grease many times over in arduous conditions, particularly in areas effected by harsh chemical wash down.

FF117 offers instantaneous lubrication of bearings, chains and slides, conveyors, shafts and couplings on food mixers and cutting equipment, ovens and all general food processing and packaging equipment.

- Fully resistant to cleaning chemicals including concentrated caustic.
- INS H1 & NSF H1 Registered (USDA H1)
- All ingredients conform to FDA 21CFR 178.3570 (USDA H1) specifications
- Resists pressure and water wash off
- Guards against corrosion
- Excellent impact resistance
- Excellent anti-wear properties
- Wide temperature range -20°C to +150°C

For best results hold aerosol ten to twelve inches back from application. **Always shake well before use and apply a very thin coating.**

Specification	FF117 Food Plant Spray Grease	
Appearance	White tacky grease	Visual
Thickener	Calcium Sulfonate	
Base Oil	Fully synthetic	
Drop point (IP 132)	>280°C	ASTM D 2265
Roll Stability, % Change	<3%	ASTM D 1831
Copper corrosion	Pass	ASTM D 4048
Water washout (ASTM D1264) @ 79°C	< 2% max	ASTM D 1264
Dynamic corrosion resistance (EMCOR)(IP 220)	0.0	ASTM D 2265
Shell Four Ball (IP 239)		
Weld load	620 Kg	ASTM D 2596
Timken OK load, lbs	60	ASTM D 2509
Operating temperature range	-20°C to 150°C	
NSF/INS Registration	H1	

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 FF117 Food Plant Spray 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 FOOD PLANT SPRAY GREASE is
INS H1 Registered and meets the USDA 1998 H1 guidelines
INS Registration No. 1794545
& NSF H1 registered and meets the USDA 1998 H1 Guidelines.
NSF Registration No.124223 .
This product contains NO nut derived, genetically modified, soya
Animal derived, vegetable derived nor any known allergens.



**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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