



FMG™ NLGI 1

FOOD MACHINERY GREASE

DESCRIPTION

FMG™ is an aluminum complex grease lubricant of the USDA Authorized H-1 type. It meets or exceeds the requirements of CFR Title 21, Section 178.3570 of FDA Regulations and is specifically designed for use in the food processing industry where it may have incidental food contact. **FMG™** has been formulated to perform in a wide variety of operating conditions. It is extremely water resistant and will remain in place even after frequent wash downs. Polymer additives provide adhesive/cohesive strength to protect against pound-off when shock loads are encountered.

FMG™ can be used in a wide range of temperatures from 0°F (-18°C) to over 400°F (204°C). It is recommended for the lubrication on roller, needle, ball, journal, and sliding bearings in the food processing and handling industry.

FEATURES

- Aluminum Complex Grease
- Polymer Additives
- Non-Pound Out Formula
- Bacteriostatic Agent
- Anti-Wear Additives

BENEFITS

- Extremely Water Resistant
- Adhesive/Cohesive Strength
- Reduced Lube Consumption
- Retards Bacteria/Fungus Growth

NSF (H-1) Registered No. 048226. Conforms to FDA Regulations CFR 21 Section 178.3570 for Incidental Food Contact.

PRODUCT CHARACTERISTICS

Thickener	Aluminum Complex
Fluid Type	White Oils & Synthetic
Color/Appearance	White Grease
Specific Gravity	0.94
Density (lb/gal) Typical	7.80
Additive Type	Zinc Sulfide & Organic R&O
Dropping Point °F (°C) (ASTM D-566)	>500°F (260°C)
Flash Point °F (°C) (ASTM D-92)	>430 (221)
Autoignition Point (CALCULATED)	>500°F (260°C)
NLGI Grade	1
Penetration @ 77°F (ASTM D-217) mm x 10 ¹	310 – 340
Copper Strip Corrosion (ASTM D-4048)	1A
4-Ball (ASTM D-2596)	
Weld Point, kgf	400-500
Load Wear Index	50
Wear Scar Diameter	0.7
Oxidation Resistance (ASTM D-942) PSI Drop, 100 hrs.	<5.0
Base Oil Viscosity (ASTM D-445) cSt @ 40°C	90 – 110

For package types and part numbers

www.jetlube.com/resources/product-index/

Limited Warranty

www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf