

# FMG™

## FOOD MACHINERY GREASE



FOODGRADE

### 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 178.3750 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. For slower speeds, higher loads or greater adhesion and water resistance, **FMG** is also available in an ISO 460 grade.

**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 of 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
- Available in Other Grades

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  | .94                      |
| Density (lb/gal) Typical                                | 7.80                     |
| Additive Type   | Zinc Oxide & Organic R&O |
| Dropping Point (ASTM D-566)                             | >500°F (260°C)           |
| Flash Point °F (°C)<br>(ASTM D-92)                      | >430 (221)               |
| Autoignition Point<br>(CALCULATED)                      | >500°F (260°C)           |
| NLGI Grade  | 2                        |
| Penetration @ 77°F<br>(ASTM D-217) mm x 10 <sup>1</sup> | 265 - 295                |
| Copper Strip Corrosion<br>(ASTM D-4048)                 | 1A                       |
| 4-Ball (ASTM D-2596)                                    |                          |
| Weld Point, kgf   | 200                      |
| Load Wear Index   | 30                       |
| Wear Scar Diameter                                      | 0.7                      |
| Oxidation Resistance<br>(ASTM D-942) PSI Drop, 100 hrs. | <5.0                     |
| Base Oil Viscosity<br>(ASTM D-445) cSt @ 40°C           | 90 - 110                 |

### PACKAGING

| Code No. | Container Size | Container |
|----------|----------------|-----------|
| 30150    | 14 oz / 400 gm | Cartridge |
| 30116    | 5 gal / 20L    | Pail      |

### LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.  
 This Limited Express Warranty is expressly 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 Jet-Lube, Inc.  
 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 Jet-Lube, Inc. shall not be liable for incidental or consequential damages.



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