



Food Machinery Grease



TECHNICAL DATA SHEET

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DESCRIPTION

FMG™ is an aluminum complex grease lubricant that is CFIA (Canadian Food Inspection Agency) approved and NSF authorized (H-1) for use in Federally inspected meat and poultry plants. It meets or exceeds the requirements of CFR Title 21, Paragraph 178.3750 of FDA Regulations and is specifically designed for use in the food processing industry where it may have incidental contact with food items.

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-out when shock loads are encountered.

FMG is used in a wide range of temperatures. In food processing machinery it is recommended for the lubrication of roller, needle, ball, journal, and slide bearings.

FEATURES

- Aluminum Complex Grease
- Polymer Additives
- Bacteriostatic Agent
- Anti-Wear Additives
- NSF Registration No. 048226

BENEFITS

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

OPERATING RANGE
-18°C to 204°C (0°F to 400°F)

PRODUCT SPECIFICATIONS

Thickener	Aluminum Complex
Fluid Type	White Oils & Synthetics
Color/Appearance	White Grease
Specific Gravity, Typical	0.94
Density (kg/liter), Typical	0.94
Additive Type	Zinc Oxide and Organic R&O
Flash Point (ASTM D-92)	>220°C (430°F)
Dropping Point (ASTM D-566)	>260°C (500°F)
Autoignition Point (Calculated)	>260°C (500°F)
NLGI Grade	2
Penetration @ 25°C (77°F) (ASTM D-217), mm x 10 ¹	265 - 295
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4 Ball (ASTM D-2596)	
Weld Point, kgf	200
Load Wear Index	30
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942)	
psi Drop, 100 hours	<5.0
Base Oil Viscosity (ASTM D-445), cSt @ 40°C	90 - 110

PACKAGING

Inventory Code	Container Size	Container
30150	14 oz.	Cartridge
30116	35 Lb.	Pail
30124	120 Lb.	Keg
30129	400 Lb.	Drum

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. 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 of Canada 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 Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.