



Bringing Quality & Excellence

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# TECHNICAL DATA SHEET

## FMG Food Machinery Grease

### DESCRIPTION

FMG is an Aluminium complex grease specifically designed for use in the food processing industry where it may have incidental food contact. FMG is rated as an NSF H-1 Authorised type grease lubricant. It meets or exceeds the requirements of CFR, Title 21, and Par. 178.3750 of the FDA Regulations. 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 -18°C (0°F) to over 204°C (400°F). It is recommended for the lubrication of roller, needle, ball, journal, chains and sliding bearings in the food processing and handling industry.

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 D942)	
PSI Drop, 100 hours:	<5,0
Base Oil Viscosity (ASTM D-445)	
cSt @ 40°C (104°F):	90-100

### ADVANTAGES

- NSF H-1 authorised.
- Aluminium base grease.
- Polymer additives.
- Non-pound out formula.
- Anti-Wear additives.
- Extremely water resistant.
- High adhesive/cohesive strength.
- Reduced lube consumption.
- Retards bacteria/fungus growth.

### PACKAGING

Code	Net contents	Container
48408677	400g	Cartridge
63849219	500g	Tub
11112211	1kg	Tub
69971938	5kg	Pail
33741031	12,5kg	Pail
16739123	16kg	Pail
72867723	181,4kg	Drum

### PRODUCT CHARACTERISTICS

Service Range:	-18°C (0°F) 204°C (400°F)
Thickener:	Aluminium Complex
Fluid Type:	White Oils/ Synthetic
Colour/Appearance:	White Grease
Dropping Point (ASTM D-566):	260°C (500°F)
Specific Gravity:	0.94
Additive Type:	Zinc Oxide & Organic R&O
Flash Point:	221°C (>430°F)
Autoignition Point (CALCULATED):	260°C (>500°F)
NLGI Grade:	1,5
Penetration @ 25°C (IP50/ASTM D-217):	285-315

### LIMITED WARRANTY

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



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