

Multi-Purpose, High Temperature Grease



Heavy duty grease specifically formulated to solve food processing equipment problems

- Provides superior protection against contaminants, heat and high speeds up to 400,000 DN.
- Premalube FG contains a total additive package that sets it apart from other greases.

Description

Areas of Application

- Food Processing Plants
- Bottling Plants
- Dairies
- Meat & Poultry Packing Plants
- Canneries
- Industries Requiring AQIS Approved Lubricants

Features and Benefits

Stays in place to prevent wear.

Prevents rust and corrosion.

White nonstaining formulation.

Superior water resistance.

Excellent high temperature performance.

Exceptional heat reversion properties.

Physical Properties	
NLGI Grade	FG # 2
Grams per Litre	894
Penetration at 25°C ASTM D217	Penetration at 25°C 25 0C ASTM D217
Worked at 60 Strokes	310 - 340
Penetration Loss after 10,000 Strokes working, % Max	15
Dropping Point, ASTM D2265, °C	260
Minimum Working Temperature, °C	-18
4 Ball Wear, ASTM D2266, 1 Hour, 1200 RPM, 75 °C, 40 Kg, SCAR DIA. IN mm	0.66
Weld Load, kg	200
Load Wear Index	28.61
Timken Ok Load, ASTM D2509, Kg	6.8
Oxidation Stability, ASTM D942, Loss at 100 °C After 100 Hours, kPa Max	34.5
ASTM D1743 Bearing Rust	1,1,1

WARNING: Consult the label for full instructions and precautions before using this product.

MEGA DISTRIBUTORS

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Additives	Benefits
Adhesive and Cohesive Polymers, Tackiness Agents	Highly-elastic polymers hold grease together and in place to reduce squeeze-out, channelling and sling-off. Prevents loss of lubricant that leaves bearings "starved".
Rust and Corrosion Inhibitors	Blocks out corrosive elements such as acids, water, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.
Anti-Wear and Friction Reducing Additives	Prevents metal-to-metal contact, two-surface wear, vibration and chatter. Keeps high friction surfaces, such as bearings, properly lubricated to prevent metal loss, downtime, and replacement expenses.
Inhibits Rust and Corrosion	Blocks out corrosive elements such as acids, water, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.
Intrinsic Extreme Pressure (EP) Agents	A heat seeking additive that prevents the cold welding that can occur under heavy loads. Minimises wear while helping equipment run cooler.
Oxidation Inhibitors	Extends lubricant service life by retarding the oxidation process. Provides a chemical shield that prevents the oxidizing effects of oxygen and water.
Intrinsic Shock Load Reducers	Cushions impact to minimize the stress, vibration and chatter that can occur under heavy loads and during start-stop operations

Features and Benefits

Premalube FG Meets or Exceeds these Performance Requirements:

- AQIS Approved Cat. 10 Lubricant Type A
- NZ MAF Approved C 15
- Passes U.S.P. Requirements
- FDA Regulations, Part 21, CFR 172.878 and 178.3620A
- USDA H1 and H2
- NSF International registered Food Grade Lubricant

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