



LUBRICANTS

FGG-2

Polymer-fortified, Calcium Food Grade Grease

Description

Stop pound-out, sling-out, and melt-out with this high molecular weight polymer-fortified grease.

FGG-2 is a calcium food grade grease formulated for processing equipment found in the beverage, food and pharmaceutical industries. FGG-2 polymer-fortified grease features a calcium thickener for general plant lubrication. Polymers tenaciously cling to metal surfaces, improving lubricant film strength.

Key Properties

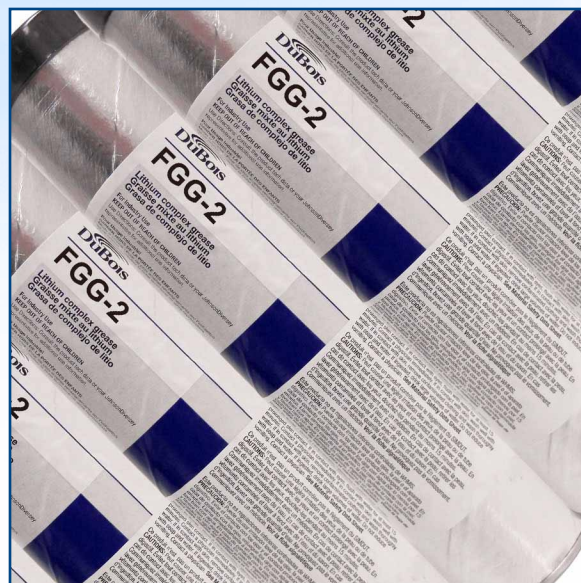
- Operating temperature range of -30°F to 250°F
- Polymer-fortified petroleum grease; minimizes pound-out, sling-out, and melt-out
- Extends grease intervals; reduces maintenance costs
- Anti-wear; extends bearing life, reduces downtime
- Meets former USDA 1998 H1 Guidelines as well as the Food Safety and Inspection Service Sanitation Performance Standards Compliance Guide (21 CFR 178.3570)

Applications and Uses

Use FGG-2 polymer grease directly from the container. Prior to installation, purge the equipment and dispensing equipment system with FGG-2 grease. FGG-2 can be used at temperatures as low as -30 °F.

FGG-2 grease may be dispensed by the following:

- Hand-operated grease guns
- Air-operated grease guns and pumps
- Electric grease guns and pumps
- Spring-operated automatic grease reservoirs
- Automatic central grease dispensing equipment





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Technical Data

Characteristics	ASTM	FGG-2
NLGI grade		2
Thickener		Calcium 12-hydroxy
Color		Opaque cream
Shear stability		
Unworked	D-217	285
Worked 60 strokes	D-217	280
Worked 10,000 strokes	D-217	295
Dropping point	D-566	300 °F
Timken OK load (lb)	D-2509	25
Water washout @ 100 °F	D-1264	3.4 %
Water washout @ 175 °F	D-1264	7.3 %
Oil separation wt. %	D-1742	7.1

Base Oil Properties

Characteristics	ASTM	FGG-2
ISO grade		46
Viscosity		
cSt @ 40 °C	D-445	53
cSt @ 100 °C	D-445	10.8
Viscosity index	D-2270	202
Pour point (°F)	D-97	-40
Flash point (°F)	D-92	370

Metal Compatibility

FGG-2 polymer grease is safe for use on ferrous and nonferrous metals. It is also compatible with: Buna N, Neoprene, Teflon®, silicone and Viton® materials. FGG-2 is compatible with most aluminum, barium, calcium, clay, and lithium complex-thickened greases.

Safety

Please refer to the product's label and Material Safety Data Sheet (MSDS) for all warnings, recommendations for safety equipment, and other regulatory information. Please refer to the Material Safety Data Sheet (MSDS) for instructions regarding proper disposal of this product.