

JAX GEAR-GUARD FG

NSF H1 100% SYNTHETIC OPEN GEAR GREASE



FOOD GRADE

PRODUCT DESCRIPTION

JAX Gear-Guard FG is for use in slow-moving, heavily-loaded, food grade open gear lubrication. It is carefully formulated to provide a thick, tenacious film that will not rupture or sling off during operation. The 100% synthetic base fluid, combined with the latest food grade additive technologies, provides a grease with broad temperature ranges, superior water resistance, and excellent gear adhesion properties to provide the ultimate performance in the toughest food- and beverage-plant environments. JAX Gear-Guard FG meets the requirements of 21 CFR 178.3570 (lubricants with incidental food contact).

PRODUCT BENEFITS

- **Excellent Gear Adhesion**—A unique blend of carefully selected food grade base fluid, thickener technology, and additives, which forms a thick, tenacious film that attaches itself to the gear surfaces and provides ultimate protection. Once attached to the gear surface, it remains on the gear surface and can only be removed with solvents.
- **Unsurpassed Water Resistance**—One of the most water-resistant food grade greases currently on the market, providing excellent protection against seere process and sanitation water.
- **E.P. and Antiwear Performance**—Open gears are typically slow-moving, heavily-loaded applications which require a grease with good extreme-pressure and antiwear performance.
- **Contains Micronox®**—A groundbreaking advance in food grade technology with exceptional performance in preserving and protecting food grade lubricants from microbial contamination.
- **NSF H1 Registered**
- **Kosher and Parve Certified**

APPLICATIONS

Slow-moving, heavily-loaded open gear application where an NSF H1 registered product is required.

COMPATIBILITY

JAX Gear-Guard FG possesses mixed compatibility results with the most popular food grade greases currently on the market. It is recommended to contact your JAX Sales Representative with questions regarding your specific applications.



JAX GEAR-GUARD® FG-

TYPICAL PROPERTIES	GEAR-GUARD FG	METHOD
Thickener Type	Aluminum Complex	
Thickener %	9-11	
Penetration, Unworked	290-320	ASTM D 217
Dropping Point, °F (°C) min.	470 (243)	ASTM D 2265
Color/Texture	White/Tacky-Smooth	
Bearing Corrosion Test	Pass	ASTM D 1743
4-Ball E-P Weld, kgf	250	ASTM D 2596
Copper Corrosion	1b	ASTM D 4048
Base Fluid:		
Viscosity @ 40°C, cSt	7175	ASTM D 445
Viscosity @ 100°C, cSt	245	ASTM D 445
Viscosity Index	138	ASTM D 2270
Flash Point, °F (°C)	338 (170)	ASTM D 92
Fire Point, °F (°C)	392 (200)	ASTM D 92
Micronox® Technology	Yes	
NSF Registration No. / Category Code	130854 / H1	

JAX products undergo continual improvement in formulation and manufacture. The values indicated in this PDS are typical production values at the time of this writing. JAX reserves the right to alter and update product data and typical values at any time without notice. It is the responsibility of the installer and/or purchaser to determine if these specifications are adequate and proper for the intended application. SDS information may be found at www.jax.com or by contacting JAX INC.

CONTAINER SIZE	GEAR-GUARD FG
2000 Pound Tote	00562-276
400 Pound Drum	00562-400
120 Pound Keg	00562-120
35 Pound Pail	00562-035
50 Cartridge Case	00562-050
10 Cartridge Pack	00562-052
25 Caulk Cartridge Pack	00562-025



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