



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

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PRODUCT DATA

LUBRIPLATE "FGL" SERIES

LUBRICANTS FOR TOTAL FOOD AND BEVERAGE PLANT PERFORMANCE

"These products are certified OU Kosher Pareve"
"These products are Halal certified"

*NSF International H-1 Registered
NSF ISO21469 Certification

DESCRIPTION

LUBRIPLATE FGL Greases have been formulated to meet the increased demands of the food, beverage and pharmaceutical industries. The trend towards NSF International H-1 Registered* products to replace H-2 products has meant a great deal of research and testing to improve the capabilities of lubricants with incidental food contact; LUBRIPLATE FGL greases are the result of these new demands. ***Now with LUBRI-ARMOUR, LUBRIPLATE's anti-microbial additive which prevents the decomposition of lubricants caused by microorganisms. LUBRIPLATE FGL greases are treated with LUBRI-ARMOUR to remain fresh and last longer in harsh food processing environments.**

ADVANTAGES

- ⇒ Formulated with clear water-white, non-toxic, USP white oils that comply with FDA Regulation 21 CFR 172.878.
- ⇒ Formulated with ingredients that comply with FDA regulation 21 CFR 178.3570 for lubricants with incidental food contact.
- ⇒ Unique thickener combination resists oil bleed problems often encountered using conventional food grade lubricants.
- ⇒ Longer lasting film allows less lubricant usage and extended re-greasing intervals.
- ⇒ Excellent stability helps retard softening of grease during high shear mechanical action often experienced in high speed filling and packaging machinery.
- ⇒ High temperature stability and oxidation resistance.
- ⇒ Excellent resistance to water washout.

APPLICATIONS

FGL-00 is a semi-fluid grease that is ideal for centralized lubrication systems that require a NLGI 00 grade of grease. FGL-00 is also good for older or leaky gear cases that can no longer contain an oil.

FGL-0 is qualified for centralized lubrication systems on high-speed can-closing equipment. This product is non-separating in pumping devices and high-speed equipment. FGL-0 provides excellent anti-wear properties, exceptional water resistance, rust, oxidation and corrosion preventive qualities.

FGL-1 for many plants, this NLGI 1 grade grease may be the most widely used lubricant due to its multi-functional capabilities. This includes low and high speeds, low and high temperatures and a wide range of loads.

FGL-2 provides superior film strength for slower moving applications under severe operating conditions such as water, steam, high temperature and load. The excellent shear stability of this grease in combination with a unique tackiness agent provides a long lasting durable film of lubricant for large bearings, open gears, chains and other exposed surfaces.

Typical Test Data – See Back

PACKAGING AVAILABLE	FGL-00	FGL-0
Case, 24/14oz. Cans	***	L0230-001
Case, 6/6 lb. Cans	***	L0230-006
35 lb. Pail	L0226-035	L0230-035
120 lb. Quarter Size Drum	L0226-039	L0230-039
415 lb. Full Size Drum	L0226-040	L0230-040
Bulk Bins (Contact your LUBRIPLATE District Manager)		
PACKAGING AVAILABLE	FGL-1	FGL-2
Case, 24/14oz. Cans	L0231-001	L0232-001
Case, 6/6 lb. Cans	L0231-006	L0232-006
35 lb. Pail	L0231-035	L0232-035
120 lb. Quarter Size Drum	L0231-039	L0232-039
415 lb. Full Size Drum	L0231-040	L0232-040
Case, 12/11 oz. Aerosol Cans	L0231-063	***
Carton, 40/14½ oz. Cartridges	L0231-098	L0232-098
Bulk Bins (Contact your LUBRIPLATE District Manager)		

*NSF International H-1 Registration No.'s	FGL-00	FGL-0
(Meets former USDA 1998 Guidelines)	043532	043531
	FGL-1	FGL-2
	043534	043536
	126088	
	(Aerosol)	

*Registered H-1 by NSF International for use in food processing facilities as a lubricant or anti-rust agent on equipment in which there may be incidental contact involving the lubricated part and the edible product.

*The Lubriplate FGL Series contain no components derived from TSE/BSE relevant animal species; therefore, they are compliant with the requirements of the TSE Note for Guidance EMA/410/01 Rev. 3, July, 2011



Typical tests for LUBRIPLATE “FGL” Series are as follows:

PROPERTY	TEST METHOD	TYPICAL RESULTS*			
		ASTM	FGL-00	FGL-0	FGL-1
Soap Base		Aluminum Complex	Aluminum Complex	Aluminum Complex	Aluminum Complex
Penetration Worked @ 60 Strokes	D-217	420	380	310	285
@ 10,000 Strokes	D-217	411	398	320	288
NLGI No.		00	0	1	2
Dropping Point	D-566	410°F/ 210°C	435°F/ 224°C	460°F/ 238°C	515°F/ 268°C
Viscosity SUS @ 100°F	D-2161	550	550	550	850
cSt @ 40°C	D-445	105	105	105	160
SUS @ 210°F	D-2161	66	66	66	66
cSt @ 100°C	D-445	11.5	11.5	11.5	11.5
Rust Prevention Procedure (B)	D-1743	Pass	Pass	Pass	Pass
Oxidation Stability	D-942	2.0 psi	2.0 psi	2.0 psi	2.0 psi
4-Ball Wear	D-2266	0.56 mm	0.56 mm	0.56 mm	0.56 mm
Water Washout	D-1264	***	<10%	<6%	<2%
Lincoln Ventmeter Test @ 82°F		0 psig	0 psig	150 psig	300 psig
@ 30°F		0 psig	0 psig	350 psig	550 psig
@ 0°F		100 psig	150 psig	575 psig	925 psig

*Values for typical results are for information only and can vary; these are not specifications.

