



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

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PRODUCT DATA

**LUBRIPLATE SYNXTREME FG SERIES
CALCIUM SULFONATE COMPLEX GREASE**

“These products are certified OU Kosher Pareve”
“These products are Halal certified”

*NSF International H-1 Registered
NSF ISO21469 Certification

DESCRIPTION

LUBRIPLATE SYNXTREME FG products are 100% synthetic, calcium sulfonate-based greases. Their advanced technology delivers outstanding shear stability, reduced wear and excellent resistance to water and other corrosive substances. These food grade greases are manufactured with ingredients that comply with FDA 21 CFR 178.3570.

***Now treated with LUBRI-ARMOUR, LUBRIPLATE's anti-microbial additive developed to prevent the decomposition of lubricants caused by microorganisms. LUBRIPLATE SYNXTREME FG greases treated with LUBRI-ARMOUR, remain fresh and last longer in harsh food processing plant environments.**

APPLICATIONS

The synthetic fluid used in these greases delivers increased oxidation stability and enables them to be effective at application temperatures up to 400°F with frequent re-lubrication intervals.

ADVANTAGES

- ⇒ Mechanical stability - the greases do not thin out.
- ⇒ Delivers excellent anti-wear (AW) and extreme pressure (EP) protection. (See specific results on back page)
- ⇒ Calcium sulfonate thickener delivers unsurpassed rust and corrosion prevention.
- ⇒ Excellent resistance to chemically treated water washdown procedures at high temperatures.

STORAGE RECOMMENDATIONS

1. Products should be stored between 40°F-120°F.
2. Products should be stored in a dry covered environment.
3. Products should not be stored in warm, direct sunlight.
4. improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.

Typical Test Data – See Back

PACKAGING AVAILABLE

35 lb. Pail
120 lb. Quarter Size Drum
415 lb. Full Size Drum
Case, 12/11 oz. Aerosol Cans
Case, 40/16 oz. Cartridges
Case, 40/15.5 oz. Cartridges

FG-2

L0305-035
L0305-039
L0305-040
L0305-063
L0305-098

FG-1

L0306-035
L0306-039
L0306-040

L0306-098

PACKAGING AVAILABLE

35 lb. Pail
120 lb. Quarter Size Drum
415 lb. Full Size Drum

FG-0

L0307-035
L0307-039
L0307-040

**NSF International H-1 Registration No's (Meets former USDA 1998 Guidelines)*

(Synxtreme FG-2)

136212
(FG-2 Aerosol)
155548

(Synxtreme FG-1) (Synxtreme FG-0)

137238 137239

The LUBRIPLATE Synxtreme FG 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".

**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.*



PROPERTY	TEST METHOD	TYPICAL RESULTS		
		FG-2	FG-1	FG-0
Thickener		Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex
NLGI Grade		2	1	0
Color	Visual	Tan	Tan	Tan
Texture	Visual	Smooth	Smooth	Smooth
Dropping Point	ASTM D-2265	>600°F	>600°F	>600°F
Unworked Penetration	ASTM D-217	277	314	349
Worked Penetration	ASTM D-217	280	318	361
Oil Separation - % Loss	ASTM D-1742	0.0	0.0	N/A
Water Washout	ASTM D-1264	<0.5	<0.5	<0.5
Rust Prevention	ASTM D-1743	Pass	Pass	Pass
Four ball Wear	ASTM D-2266	0.45mm	0.50mm	0.58mm
Evaporation Loss	ASTM D-972	0.11	0.11	0.18
4-Ball EP - Weld Load	ASTM D-2596	420	400	315
Oxidation Stability	ASTM D-942	-1 psi	-1 psi	0 psi
Base Fluid Type		PAO	PAO	PAO
ISO VG	ASTM D-2422	100	100	100
Viscosity @ 40°C - cSt	ASTM D-445	90 - 110	90 - 110	90 - 110
Cold Test		-40°F	-40°F	-40°F
NLGI GC/LB		Passed		
Lincoln Ventmeter:				
@ 77°F	K95400	203 psi	75 psi	55 psi
@ 30°F		743 psi	124 psi	86 psi
@ 0°F		1,767 psi	320 psi	101 psi

