



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

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**PRODUCT DATA**

**LUBRIPLATE SYNXTREME FG/220 SERIES**

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

\*NSF International H-1 Registered  
NSF ISO21469 Certification

**DESCRIPTION**

LUBRIPLATE SYNXTREME FG/220 products are 100% synthetic, calcium sulfonate complex 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, FDA 21 CFR 172.882 and FDA 21 CFR 182 G.R.A.S.

*\*Now treated with LUBRI-ARMOUR, LUBRIPLATE's anti-microbial additive developed to prevent the decomposition of lubricants caused by microorganisms. LUBRIPLATE SYNXTREME FG/220 greases treated with LUBRI-ARMOUR, remain fresh and last longer in harsh food processing plant environments.*

**APPLICATIONS**

The heavy, 100% synthetic fluid used in these greases delivers increased oxidation stability and enables them to be effective at application temperatures between 450°F and 500°F with frequent re-lubrication intervals.

**ADVANTAGES**

- ⇒ High temperature stability - +600°F Drop Point.
- ⇒ 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.

**Typical Test Data – See Back**

**PACKAGING AVAILABLE**

35 lb. Pail  
120 lb. Quarter Size Drum  
415 lb. Full Size Drum  
Carton, 40/16 oz. Cartridges  
Carton, 40/15.5 oz. Cartridges

**FG-2/220**

L0309-035  
L0309-039  
L0309-040  
L0309-098  
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**FG-1/220**

L0311-035  
L0311-039  
L0311-040  
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L0311-098

**PACKAGING AVAILABLE**

35 lb. Pail  
120 lb. Quarter Size Drum  
415 lb. Full Size Drum  
Carton, 40/14.5 oz. Cartridges

**FG-0/220**

L0314-035  
L0314-039  
L0314-040  
L0314-098

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

<b>(Synxtreme FG-2/220)</b>	<b>(Synxtreme FG-1/220)</b>	<b>(Synxtreme FG-0/220)</b>
142239	142237	149637

*The LUBRIPLATE Synxtreme FG/220 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.*

**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.



PROPERTY	TEST METHOD	TYPICAL RESULTS*		
		FG-2/220	FG-1/220	FG-0/220
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	273	311	360
Worked Penetration (60x)	ASTM D-217	280	317	368
Oil Separation - % Loss	ASTM D-1742	<0.5%	<0.5%	N/A
Water Washout @ 175°F - % Loss	ASTM D-1264	<1.0%	<1.0%	<5.0%
Rust Prevention	ASTM D-1743	Pass	Pass	Pass
Copper Corrosion	ASTM D-130	1a	1a	1a
Four ball Wear; mm Scar Diameter	ASTM D-2266	0.42mm	0.39mm	0.50mm
4-Ball EP - Weld Load – Kg.	ASTM D-2596	400	380	320
Base Fluid Type		PAO	PAO	PAO
ISO VG		220	220	220
Viscosity @ 40°C - cSt	ASTM D-445	198 – 242	198 – 242	198 - 242
<b>Lincoln Ventmeter:</b> @ 77°F @ 30°F @ 0°F	K95400	202 psi 585 psi 1,707 psi	112 psi 240 psi 370 psi	35 psi 54 psi 61 psi

