



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

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PRODUCT DATA

LUBRIPLATE SYNXTREME FG/460 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/460 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/460 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

FG-2/460

L0320-035
L0320-039
L0320-040
L0320-098

FG-1/460

L0321-035
L0321-039

L0321-098

PACKAGING AVAILABLE

35 lb. Pail
120 lb. Quarter Size Drum

FG-0/460

L0322-035
L0322-039

FG-00/460

L0324-035
L0324-039

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

(Synxtreme FG-2/460)
161741
(Synxtreme FG-1/460)
161740

(Synxtreme FG-0/460)
161739
(Synxtreme FG-00/460)
161738

The LUBRIPLATE Synxtreme FG/460 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

- ⇒ Products should be stored between 40°F-120°F
- ⇒ Products should be stored in a dry covered environment
- ⇒ Products should not be stored in warm, direct sunlight
- ⇒ 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-2/460	FG-1/460	FG-0/460	FG-00/460
Thickener		Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex
NLGI Grade		2	1	0	00
Color	Visual	Tan	Tan	Tan	Tan
Texture	Visual	Smooth	Smooth	Smooth	Smooth
Dropping Point	ASTM D-2265	>600°F (>316°C)	495°F (257°C)	333°F (167°C)	331°F (166°C)
Unworked Penetration	ASTM D-217	273	308	362	407
Worked Penetration (60x)	ASTM D-217	286	326	370	415
Oil Separation - % Loss	ASTM D-1742	0.3	0.6	N/A	N/A
Water Washout @ 175°F - % Loss	ASTM D-1264	1.55	2.20	8.42	23.88
Rust Prevention	ASTM D-1743	Pass	Pass	Pass	Pass
Copper Corrosion	ASTM D-130	1b	1b	1b	1b
Four ball Wear; mm Scar Diameter	ASTM D-2266	0.57	0.51	0.44	0.59
4-Ball EP - Weld Load – Kg.	ASTM D-2596	400	315	315	250
Base Fluid Type		PAO	PAO	PAO	PAO
ISO VG		460	460	460	460
Viscosity @ 40°C - cSt	ASTM D-445	414 - 506	414 - 506	414 - 506	414 - 506
Lincoln Ventmeter: @ 77°F @ 30°F @ 0°F	K95400	238 956 N/A	179 378 1073	85 153 355	53 86 256

