



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.

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)

137238

(Synxtreme FG-0)

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.*



H-1 REGISTERED



Certified Kosher Pareve



HALAL



ISO 21469 Certified



EPA Reg. No. 86389-1

| 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 |
| 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 |

