



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

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PRODUCT DATA

LUBRIPLATE CS-FG EP SERIES

CS-FG EP-2, CS-FG EP-1, CS-FG EP-0, CS-FG EP-00

"These products are certified OU Kosher Pareve"

*NSF International H-1 Registered
NSF ISO21469 Certification

DESCRIPTION

LUBRIPLATE CS-FG EP Series are calcium sulfonate thickened incidental food contact greases which offer premium performance properties. All ingredients used to manufacture these products comply with FDA 21 CFR 178.3570 and meet the requirements for NSF H1. These greases also have excellent corrosion protection, and superior water washout properties.

APPLICATIONS

- ⇒ Meat Processing Plants
- ⇒ Canneries
- ⇒ Dairies
- ⇒ Breweries
- ⇒ Carton & Packaging Equipment
- ⇒ Food Processing & Handling Equipment
- ⇒ Bottling Plants
- ⇒ Many others where incidental food contact is a possibility

ADVANTAGES

- ⇒ Base oil is 100% USP white oil, 100 cSt viscosity @ 40°C
- ⇒ Superior protection from rust and corrosion
- ⇒ Excellent resistance to water washout and spray off
- ⇒ Outstanding high-temperature properties

Typical Test Data – See Back

STORAGE RECOMMENDATIONS

Product should be stored in a dry covered area between 40°F to 120°F, away from direct sunlight.

Open containers, temperature, and moisture may alter normal shelf-life.

PACKAGING AVAILABLE

415 lb. Drum
120 lb. Drum
35 lb. Pail
Case 40/15.5 oz. Cartridges

CS-FG EP-2

L0138-040
L0138-039
L0138-035
L0138-098

CS-FG EP-1

L0155-040
L0155-039
L0155-035

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

151136

155256

PACKAGING AVAILABLE

415 lb. Drum
120 lb. Drum
35 lb. Pail

CS-FG EP-0

L0154-040
L0154-039
L0154-035

CS-FG EP-00

L0153-040
L0153-039
L0153-035

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

155255

155254

*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* | | | |
|--|-------------|---------------------------------|------------|------------|------------|
| | | ASTM | CS-FG EP-2 | CS-FG EP-1 | CS-FG EP-0 |
| NLGI Grade | | 2 | 1 | 0 | 00 |
| Color | Visual | Beige | Beige | Beige | Beige |
| Texture | Visual | Smooth | | | |
| Dropping Point, °C | D-2265 | 316°C + | | | |
| Worked Penetration, 60 Double Strokes, dmm | D-217 | 265 – 295 | 339 | 380 | 400 - 430 |
| Mechanical Stability: | | | | | |
| Worked Penetration, 10,000 Double Strokes: % Change | D-217 | < 3.0 | | | |
| Worked Penetration, 10,000 Double Strokes with 10% Water: % Change | D-217 | < 3.0 | | | |
| Roll Stability: % Change | D-1831 | < 3.0 | | | |
| Timken OK Load, kg | D-2509 | 60 lbs. | | | |
| 4-Ball EP: LWI, kgf | D-2596 | 50 | | | |
| Weld Point, kg | D-2596 | 400 | 400 | 400 | |
| 4-Ball Wear, mm | D-2266 | 0.50 | | | |
| Fretting Wear, mg | D-4170 | 8.7 mg | | | |
| Bearing Rust Protection | D-1743 | Pass | | | |
| Salt Fog Corrosion, 1 mil d.f.t., hrs | B-117 | >500 hrs | | | |
| Wheel Bearing Leakage, grams | D-4290 | < 3 | | | |
| Bearing Life Performance, hours | D-3527 | 150+ | | | |
| Bomb Oxidation, 100 hours @ 99°C, PSI Drop | D-942 | < 1 | | | |
| Water Washout, % removed | D-1264 | < 1 | | | |
| Water Spray Off, % removed | D-4049 | 29.6 | | | |
| Oil Separation, % loss | D-1742 | < 0.5 | | | |
| Copper Strip Corrosion | D-4048 | 1b | 1b | 1b | |
| Elastomer Compatibility: | | | | | |
| AMS 3217/3B CR Type 70 hours @ 100°C Percent Swell | | +3.4 | | | |
| Hardness Change, Durometer A Points | | -1.2 | | | |
| Base Oil Viscosity, cSt: | | | | | |
| @ 100°C | D-445 | 11.7 | | | |
| @ 40°C | | 105 | | | |
| Viscosity Index | | 98.99 | | | |
| Emcor Corrosion, 3% NaCl | D-6138 | 2,2 | | | |
| Lincoln Ventmeter: | | | | | |
| @ 77°F | K95400 | 260 psi 552 psi 1,554 psi | | | |
| @ 30°F | | | | | |
| @ 0°F | | | | | |

