



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

Sales, Service & Distribution Center
Newark, NJ 07105
Phone: 973-589-9150 Fax: 973-589-4432

Manufacturing, Sales, Service & Distribution Center
Toledo, OH 43605
Phone: 419-691-2491 Fax: 419-693-3806

Sales and Tech Service Support
Phone: 1-800-733-4755

PRODUCT DATA

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

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

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

PACKAGING AVAILABLE

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

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

**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.*

CS-FG EP-2

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

151136

CS-FG EP-0

- L0154-040
- L0154-039
- L0154-035

155255

CS-FG EP-1

- L0155-040
- L0155-039
- L0155-035
- L0155-098

155256

CS-FG EP-00

- L0153-040
- L0153-039
- L0153-035

155254



Nonfood Compounds
H1 Registered
ISO 21469 Certified

PAREVE

HALAL

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			
Texture	Visual	Smooth			
Dropping Point, °C	D-2265	316°C +	316°C +	--	--
Worked Penetration, 60 Double Strokes, dmm	D-217	265 - 295	310-340	355-385	400-430
Mechanical Stability:					
Worked Penetration, 10,000 Double Strokes: % Change	D-217	< 3.0	<5.0	--	--
Roll Stability: % Change	D-1831	< 3.0	<5.0	--	--
Timken OK Load, lbs.	D-2509	60	60	--	--
4-Ball EP: LWI, kgf	D-2596	50	50	--	--
Weld Point, kg	D-2596	400	400	--	--
4-Ball Wear, mm	D-2266	0.50	0.50	0.50	0.50
Fretting Wear, mg	D-4170	8.7 mg	--	--	--
Bearing Rust Protection	D-1743	Pass	Pass	Pass	Pass
Salt Fog Corrosion, 1 mil d.f.t., 48 hrs	B-117	Pass	Pass	--	--
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	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			
Elastomer Compatibility:	D-4289				
AMS 3217/3B CR Type 70 hours @ 100CC Percent Swell		+3.4			
Hardness Change, Durometer A Points		-1.2			
Base Oil Viscosity, cSt:	D-445				
@ 100°C		11.7			
@ 40°C		105			
Viscosity Index		100			
Emcor Corrosion, 3% NaCl	D-6138	2,2	--	--	--
Emcor Corrosion Distilled Water		#1	--	--	--
Lincoln Ventmeter: @ 77°F @ 30°F @ 0°F	K95400	260 psi 552 psi 1,554 psi	179 psi 283 psi 936 psi	--	--