



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.

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.

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

PACKAGING AVAILABLE	CS-FG EP-2	CS-FG EP-1
415 lb. Drum	L0138-040	L0155-040
120 lb. Drum	L0138-039	L0155-039
35 lb. Pail	L0138-035	L0155-035
Case 40/15.5 oz. Cartridges	L0138-098	L0155-098
<i>*NSF International H-1 Registration No. (Meets former USDA 1998 Guidelines)</i>	<u>151136</u>	<u>155256</u>

PACKAGING AVAILABLE	CS-FG EP-0	CS-FG EP-00
415 lb. Drum	L0154-040	L0153-040
120 lb. Drum	L0154-039	L0153-039
35 lb. Pail	L0154-035	L0153-035

<i>*NSF International H-1 Registration No. (Meets former USDA 1998 Guidelines)</i>	<u>155255</u>	<u>155254</u>
<i>*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.</i>		

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



PROPERTY	TEST METHOD	TYPICAL RESULTS*
	ASTM	CS-FG EP-2
NLGI Grade		2
Color	Visual	Beige
Texture	Visual	Smooth
Dropping Point, °C	D-2265	316°C +
Worked Penetration, 60 Double Strokes, dmm	D-217	265 – 295
Mechanical Stability:		
Worked Penetration, 10,000 Double Strokes: % 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
	Weld Point, kg	D-2596
		50
		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., 48 hrs	B-117	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
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	K95400	260 psi
@ 30°F		552 psi
@ 0°F		1,554 psi