

**CLARION® FM CS EP2 GREASE**

Date 09/15

DESCRIPTION: Clarion FM CS EP 2 grease provides effective lubrication of machinery used to manufacture, process, package and store food products. Clarion FM CS EP 2 grease is NSF H-1 registered and meets FDA 21 CFR 178.3570 requirements for incidental food contact lubricants.

- QUALITIES:** Clarion FM CS EP2 grease offers:
- Excellent water washout and spray off resistance
 - Enhanced rust and corrosion resistance
 - Excellent wear protection
 - Outstanding high temperature properties

- APPLICATIONS:** Clarion FM CS EP 2 grease is recommended where an NSF H-1 incidental contact grease lubricant is required. Typical applications include:
- Pellet mills
 - Fish, poultry, pork, beef processing plants
 - Canneries and bottling facilities
 - Ice cream production, cheese production, dairies
 - Breweries and wineries
 - Fruit and vegetable agriculture and processing applications

CLASSIFICATIONS: **NSF H1 Registered** — Listed in “NSF Registered Proprietary Substances and Nonfood Compounds.”



Nonfood Compounds
Program Listed H1
Registration No. 149593

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TYPICAL PROPERTIES:

CLARION® FM CS EP 2 GREASE

NLGI No.	2
Material Code	655732009
Thickener	Calcium Sulfonate Complex
Texture	Smooth
Color, Observed	White
Worked 60 Penetration, ASTM D 217	265-295
Dropping Point, ASTM D 2265, °F (°C)	550 (288)
Oxidation stability, ASTM D 942, psi	<1
Water Washout, ASTM D 1264, % loss	<1
Water Spray Resistance, ASTM D 4049, % loss	22
Rust Prevention, ASTM D 1743, rating	Pass
Copper Corrosion, ASTM D 4048, rating	1b
Oil Separation, ASTM D 1742, % loss	<0.5
Four-Ball Wear, ASTM D 2266, mm scar	0.50
Four-Ball EP Weld Point, ASTM D 2596, kgf	400
Four-Ball Load Wear Index, ASTM D 2596	50
NSF Registered (Registration Number)	H1 (149593)
FDA, 21 CFR 178.3570	✓

Characteristics of Oil Plus Oil Soluble Additives:

Viscosity, ASTM D 445, cSt at 100°C	19.5
ASTM D 445, cSt at 40°C	220
Viscosity Index	100

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