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TECHNICAL DATA SHEET · Typical properties, not specifications

Impact-FG CSC #2 (9014CSC)

Calcium sulfonate complex food-grade grease · NLGI 2 · TDS date 11/11/2026 · Premium Lubricants, Without Premium Prices.

Description

Impact-FG CSC is a calcium sulfonate complex grease for food and beverage plants where incidental food contact is possible and where water washout, steam, salt spray and broad operating temperatures are a concern. It resists extreme pressure and corrosion, including salt spray, stays mechanically stable even in the presence of water, and contains no heavy metals.

Operating temperature: -40°F to +400°F (-40°C to +204°C) once in the application; can be applied at ambient temperatures from -20°F to +400°F (-29°C to +204°C). Follow the OEM lubrication-frequency recommendations.

Food-grade status: formulated for H1 (incidental food contact) service. Confirm current NSF registration status with Lubri-Loy before specifying in H1 areas.

Typical properties (NLGI 2)

Property	Method	Typical value
NLGI grade	ASTM D217	2 (worked penetration 265–295)
Thickener	—	Calcium sulfonate complex
Water washout, 175°F (79°C), % loss	ASTM D1264	2.75
Four-ball EP weld point, kgf	ASTM D2596	620
Four-ball wear scar, 40 kg, 1200 rpm, 75°C, mm	ASTM D2266	0.45 max.
Timken OK load, lb	ASTM D2509	65
Dropping point	ASTM D2265	+572°F (+300°C)
Salt fog, hours	ASTM B117	+2,500
Corrosion preventive properties	ASTM D1743	Pass
Copper strip corrosion	ASTM D4048	1a
Oil separation, %	ASTM D1742	0.2
Oxidation stability, 100 h at 99°C	ASTM D942	1 psi (7 kPa)
Low-temperature torque at -40°F (-40°C), g·cm	ASTM D1478	<5,000
Base fluid viscosity @ 40°C, cSt	ASTM D445	100
Base fluid viscosity @ 100°C, cSt	ASTM D445	10.8
Base fluid viscosity index	ASTM D2270	90
Operating temperature	—	-40°F to +400°F (-40°C to +204°C)
Ambient application temperature	—	-20°F to +400°F (-29°C to +204°C)

Typical properties are representative of current production and may vary within modest ranges; they are not specifications.

Applications

Conveyor and take-up bearings, mixer and grinder bearings, slides and chains in severe washdown; brine chillers, meat, poultry and seafood lines, and caustic CIP splash zones; extreme-pressure and salt-spray environments.

Packaging (NLGI 2)

9014CSC — 14 oz (397 g) cartridge · 9640CSC — 5 gal (18 L) pail · 9192CSC — 120 lb (54 kg) keg. Pricing and availability by quote: (877) 582-7456 or customercare@lubriloy.com.

Health, safety & sourcing

Refer to the Safety Data Sheet before use. Lubri-Loy sources, formulates and packages its products through a network of US blending partners.

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