



FM Grease CS 100-2

Previously known as Food Machinery Grease
NLGI 2

Description

FoodMaster (FM) Grease Calcium Sulphonate (CS) 100-2 is a high-performance grease utilising pharmaceutical grade base oil and a calcium sulphonate thickener.

Applications

- General purpose grease for most application except where heavy loads are encountered (use FM Grease CS HD 400-2)

Certifications

Kosher Australia

- K-ID: HBV-NQSD

SCHIMA Halal

- Certificate number: 00562305ASL1/1k

NSF H-1

- Reg #: 131581

Features & Benefits

FM Grease CS 100-2 provides:

- Very high resistance to removal by water spray in the food manufacturing aggressive environment
- Retains its integrity at higher operation temperatures
- Protects equipment under high applied loads by reducing scuffing, scoring and seizing of contacting surfaces

Specifications

Properties	Method	Results
NLGI Grade	ASTM D217	No. 2
Colour	Visual	Cream
Texture	Visual	Smooth
Dropping Point (°C)	ASTM D2265	300
Consistency, 60 Strokes, mm/10	ASTM D217	280
Mechanical Stability, 100,000 strokes, % change	ASTM D217	2.5
Roll Stability, 50% water	ASTM D1831	3.1
Timken OK Load, kg	ASTM D2509	27
4-Ball EP	ASTM D2596	
LWI (kgf)		62
Weld Point (kg)		500
4-Ball Wear, mm	ASTM D2266	0.38
Rust Test	ASTM D1743	Pass
Salt Fog Corrosion, 1 mil dtl, Hours	ASTM B117	>300



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Copper Corrosion	ASTM D4048	18
Wheel Bearing Leakage, grams	ASTM D4290	4.0
Bearing Life Performance, hours	ASTM D3627	120
Bomb Oxidation, psi drop after 1,000 hours	ASTM D942	9.0
Water Washout at 80°C, % lost	ASTM D1264	3.5
Oil Separation, % lost	ASTM D1742	0.2
Low Temperature Torque, -18°C N-m, g-cm	ASTM D1478	
	At Start	1404
	After 60 min.	247
Mobility @ 150 psi, -18°C	US Steel	19.3
Base Oil Viscosity (White Oil), cSt	ASTM D445	100

Technical Data Sheet



Master Item# 2410
Pack Size Availability: 450g, 20kg, 180kg

Last Updated: 19th July 2023

Sydney | Melbourne | Newcastle | New Zealand | Vietnam
AnglomOil Lubricants Group Pty. Ltd. | ABN 83 622 865 091

Int HQ: 2 Beaumont Rd, Mt Kuring-gai NSW 2080 Australia | Australia: P 1300 264 566
Int: P +61 9457 8566 | F +61 2 9457 8057 | E info@anglomoil.com | www.anglomoil.com