



FM Grease CS HD 400-2

Previously known as Food Machinery Grease HD NLGI 2

Description

FoodMaster (FM) Grease Calcium Sulphonate (CS) HD 400-2 is a high-performance grease utilising Polyalphaolefin base oil, and a complex calcium sulphonate thickener.

Applications

- Bearings under loads and subjects to shocks
- Pelleting machines
- Seed crushing equipment
- Extruders

Certifications

Kosher Australia

- K-ID: HGD-DVQH

SCHIMA Halal

- Certificate number: 00562305ASL1/1k

NSF H-1

- Reg #: 139093

Features & Benefits

FM Grease CS HD 400-2 provides:

- Oxidative stability – which is greatly enhanced by the use of Polyalphaolefin (PAO) synthetic base oils
- Offers very high resistance to removal by water spray in the aggressive Food Manufacturing environment
- Retains its integrity at higher operating temperatures (-25°C to +180°C)
- Protects equipment under high applied loads by reducing scuffing, scoring and seizure of contacting surfaces

Specifications

Properties	Method	Results
NLGI Grade	ASTM D217	No. 2
Colour	Visual	Cream
Texture	Visual	Smooth
Dropping Point (°C)	ASTM D2265	318
Consistency, 60 Strokes, mm/10	ASTM D217	280
Mechanical Stability, 100,000 strokes, % change	ASTM D217	4.5
Roll Stability, 50% water	ASTM D1831	2.5
Timken OK Load, kg	ASTM D2509	27.2
4-Ball EP	ASTM D2596	
	LWI (kgf)	50
	Weld Point (kg)	400

Technical Data Sheet



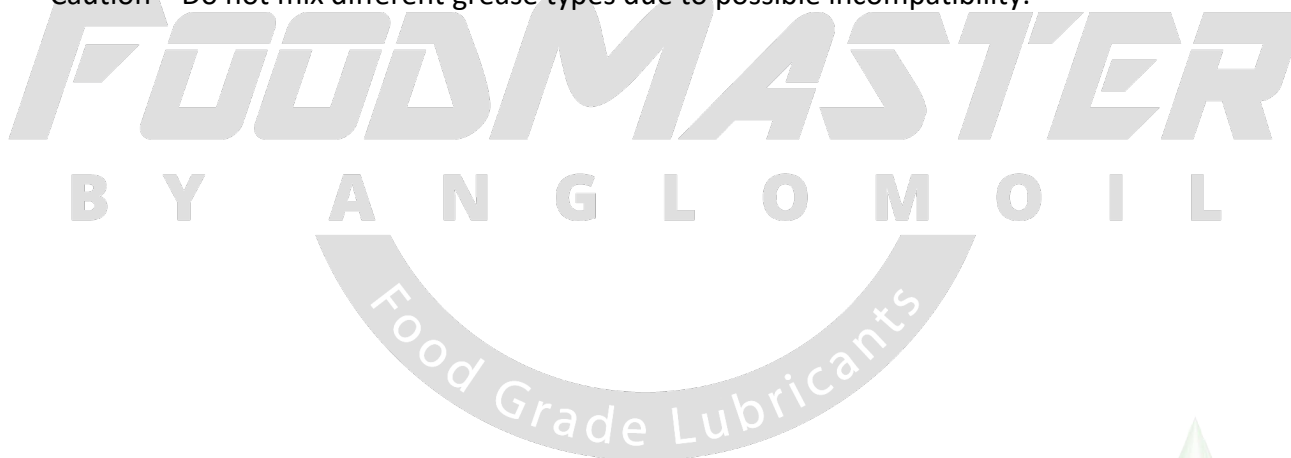
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4-Ball Wear, mm	ASTM D2266	0.50
Rust Test	ASTM D1743	Pass
Salt Fog Corrosion, 1 mil dtl, Hours	ASTM B117	>300
Copper Corrosion	ASTM D4048	18
Wheel Bearing Leakage, grams	ASTM D4290	3.5
Bearing Life Performance, hours	ASTM D3627	260
Bomb Oxidation, psi drop after 1,000 hours	ASTM D942	6.0
Water Washout at 80°C, % lost	ASTM D1264	3.5
Oil Separation, % lost	ASTM D1742	0.1
Low Temperature Torque, -18°C N-m, g-cm	ASTM D1478	
	At Start	3500
	After 60 min.	600
Mobility @ 150 psi, -18°C	US Steel	19.3
Base Oil Viscosity (PAO), cSt	ASTM D445	400

Additional Information

Caution – Do not mix different grease types due to possible incompatibility.



Master Item# 2410

Pack Size Availability: 450g, 20kg, 180kg

Last Updated: 19th July 2023

Sydney | Melbourne | Newcastle | New Zealand | Vietnam

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