



DURALIFE® SYNTHETIC CS HI-TEMPERATURE EP FOOD MACHINERY GREASE CSFM-FS

DURALIFE® SYNTHETIC CS HI-TEMPERATURE EP FOOD MACHINERY GREASE CSFM-FS is a white, non-toxic, full synthetic hi-temperature food grade grease designed specifically for lubrication of machinery in food processing, bottling and packaging industry. It is formulated with an overbased calcium sulfonate (overbased calcium complex) thickener and other permitted ingredients including polyalphaolefin (PAO) synthetic base fluids and anti-oxidants, extreme pressure and anti-wear additives to meet the stringent requirements of the NSF International guidelines for incidental food contact.

This innovative grease outperforms all other grade greases like calcium base, clay base and even aluminum complex base greases.



APPLICATIONS :

DURALIFE® SYNTHETIC CS HI-TEMPERATURE EP FOOD MACHINERY GREASE CSFM-FS is suitable for many grease-lubricated machineries such as bearings, conveyor belts, chains, linkage and slides, etc. found in canneries, beverage bottling plants, breweries & wineries, drinking & potable water treatment, potato/corn chip plants, bakeries, sugar & candy manufacturers, cheese product producers, pasta manufacturers, vegetable & fruit processors, meat and poultry processing plants, seamers, egg processing plants, fish & seafood processing plant, frozen food plants, pet food & animal feed producers and other food manufacturing & processing plants.

BENEFITS :

- H1 food grade grease.
- Provides superior load and wear protection for bearings and long life to machinery.
- Excellent water resistance. It works effectively for extended period of time under water ingress in food processing and other industries with excellent rust protection.
- Excellent oxidation resistance.
- Outstanding extreme pressure and high temperature properties.

TYPICAL CHARACTERISTICS :

Product Specifications	Typical Results
	CSFM-FS 2
NLGI Grade	2
Thickener Type	Overbased Calcium Sulfonate
Color	White
Base oil Viscosity, ASTM D 445	
@ 40 °C, cSt	220
Water Washout @ 175°F, %wt loss, ASTM D 1264	2.0
Dropping point , °C (°F) , ASTM D 2265	288(+550)
Penetration @25 °C(77°F) , Worked (60 Strokes) ,0.1mm, ASTM D 217	280
Timken OK Load, lbs , ASTM D 2509	60
Change in Pen after 100,000 strokes	+10
4-Ball EP Weld Point, Kgf, ASTM D 2596	500
Roll Stability, % change, ASTM D 1831	2.4
Copper Corrosion, ASTM D 4048	Pass
Rust Test, ASTM D 1743	Pass
Wheel Bearing leakage, gm, ASTM D 1263	3.1
Operating Temperature Range	-40°F to 482 °F (-40 °C to 250 °C)
Specification & Certificates	
 NSF International Registration #	151692
 HALAL Certificate #	HPR 3376- O/G

The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture.

WARNING!

Contains petroleum distillates. Contact with skin or eyes can cause irritation. Avoid prolonged contact. Wash thoroughly after handling. If irritation, headache or nausea occur, remove to fresh air. Get medical attention if symptoms persists.
If swallowed, do not induce vomiting. Consult physician immediately. Keep away from children
Do not store above 120°F. Keep away from heat or flame.

Reference MSDS Number 12108 database on our website at www.amtecol.com

