



DURALIFE® SYNTHETIC AC HI-TEMPERATURE HIGH PERFORMANCE FOOD MACHINERY GREASE ACFM-FS

DURALIFE® SYNTHETIC AC HI-TEMPERATURE HIGH PERFORMANCE FOOD MACHINERY GREASE ACFM-FS is white, non-toxic, full synthetic hi-temperature food grade grease designed specifically for lubrication of machinery in food, feed & pharmaceutical processing, bottling and packaging industry, especially those pieces of equipment that is subjected to high loads and high moisture conditions. It is formulated with an aluminum complex thickener and other permitted ingredients including polyalphaolefin (PAO) synthetic base fluids and additives to meet the stringent requirements of the NSF International guidelines for incidental food contact.



APPLICATIONS:

DURALIFE® SYNTHETIC AC HI-TEMPERATURE HIGH PERFORMANCE FOOD MACHINERY GREASE ACFM-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. It also is recommended for pharmaceutical industry such as pharmaceutical & drug manufacturers, cosmetic manufacturers.

BENEFITS:

- H1 food grade grease.
- Provides superior load and wear protection for bearings and long life to machinery.
- Excellent water resistance. It works effectively under water borne applications in the food processing industry.
- Excellent oxidation resistance. Excellent corrosion and rust protection.
- Excellent extreme pressure and high temperature properties.
- Minimizes leakage from bearings and stays in place on high-speed machinery through outstanding adhesion properties.
- Protection against rancidity and build-up due to bacterial and fungal growth.

TYPICAL CHARACTERISTICS :

Product Specifications	Typical Results
	ACFM-FS 2
NLGI Grade,	2
Thickener Type	Aluminum complex
Color	White
Base oil Viscosity, ASTM D 445	
@ 40 °C, cSt	105.80
@100 °C, cSt	15.10
@100 °F, SUS	542.70
@210 °F, SUS	79.89
Water Washout (@ 175°F, %wt loss, ASTM D 1264	3.5
Dropping point, °C (°F), ASTM D 2265	+260(+500)
Penetration @25 °C(77°F) , Worked (60 Strokes) ,0.1mm, ASTM D 217	265-295
Timken OK Load, lbs, ASTM D 2509	40
Water Spray off, %wt, ASTM D 4049	<10
4-Ball EP Weld Point, Kg , ASTM D 2596	250
Operating Temperature Range	-40 °F to 400 °F (-40 °C to 204 °C)
Specification & Certificates	
 NSF International Registration #	151690
 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 occurs, 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 12104 database on our website at
www.amtecol.com

