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Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of November 3, 2009.

BIOBASED HIGH TEMP CHAIN LUBRICANT

ENVIROTECH® CO FG Series

EnviroTech® CO FG Series chain lubricants are a specially developed, food grade chain lubricants blended from biobased oils and fortified with synthetic food grade white graphite. This unique high temperature formula lubricates at operating temperatures exceeding 1000°C and meets U.S.D.A. 1998 (H1) guidelines for applications where incidental food contact is possible. It does not contain VOCs and will out-perform other lubricants containing molybdenum disulfide, black graphite, or Teflon®. In addition, EnviroTech® CO FG contains a natural self-cleaning property which cleans the buildup on chains attributable to the use of inferior chain lubricants. This superior chain lubricant provides excellent protection against wear, rust, oxidation, and corrosion.

APPLICATIONS: Use *EnviroTech® CO FG Series* for chains exposed to high service temperatures which exceed those recommended for conventional lubricants. This product is ideal for oven chains used in plants which produce bread, cookies, cakes and other baked food products. It is also suitable for can making where decorative coatings are being cured or applied. *EnviroTech® CO FG* can also be used in non-food grade high temperature applications.

Physical Properties

EnviroTech®	CO-68 FG	CO-150 FG
ISO Grade	68	150
Viscosity (ASTM D-445) @40°C	67.5	147.1 cSt
@100°C	12.5	24.9 cSt
Viscosity Index (ASTM D-2270)	187	203
Flash Point (ASTM D-92)	590°F / 310°C	595°F / 313°C
Fire Point (ASTM D-92)	635°F / 335°C	640°F / 338°C
Pour Point (ASTM D-97)	-18.4°F / -28°C	-13°F / -25°C
Rust Prevention (ASTM D-665)	Pass	Pass
4 Ball Wear (ASTM D-2266)	0.40	0.40
4 Ball Weld (ASTM D-2783)	160 kg	160 kg
NSF Registered	H1	H1

SPECIAL INSTRUCTIONS:

Because of the high concentration of white graphite in this chain oil, it needs agitation before use to insure even distribution of the solid lubricant. The white graphite has proven to stay in suspension for up to two weeks after being introduced into a capillary tube supplying lubricant to an applicator.

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.