

Bio-Chain FG
High Temp Oven Chain Oil
No. 705



NSF H-1 Certified
ISO: 150

DESCRIPTION:

Bio-Chain FG High Temp Oven Chain Oil is a unique formulation of special biobased oils and fortified with synthetic food grade white graphite. This product does not contain VOC's and will outperform other lubricants containing Moly, Black Graphite or Teflon. It is effective over a broad temperature range and has an exceptionally high smoke point. **Bio-Chain FG** is a high temperature lubricant designed specifically for lubrication of hot conveyor chains in application temperatures exceeding 1000°C.

FEATURES:

Bio-Chain FG self-cleans while it penetrates and removes carbonaceous deposits and inhibits the formation of solid buildup. **Bio-Chain FG** is an extremely adhesive/cohesive lubricant compounded from the highest quality base stocks and additive package. **Bio-Chain FG** is extremely moisture and chemical resistant and has a strong affinity to metal. It is effective over a broad temperature range and varying load conditions.

Bio-Chain FG is compounded with premium quality high VI (viscosity index) base stocks and:

- Friction Reducers
- Low Volatility
- Anti-wear Additives
- Oxidation Inhibitors
- Rust and Corrosion Inhibitors
- Penetrating Additives
- Adhesive Additives

APPLICATIONS:

Bio-Chain FG is recommended for use in the following food grade and non-food grade applications:

- Tenter Frames
- Fiber Board Lines
- Drying Operations
- Glass Fiber Ovens
- Extrusion Paint Lines
- Multi-Purpose E.P. Gears
- Open Bearings
- High Temperature Process Ovens
- Curing Ovens

...and many other roller chain operations requiring a lubricant with excellent heat stability.

SUMMARY:

Bio-Chain FG High Temp Oven Chain Oil penetrates rollers, pins, links and bushings and leaves a film of oil, friction reducer and other additives, providing maximum lubrication. This greatly reduces friction, wear, stress and corrosion, allowing for minimal chain adjustment and increased chain and sprocket life. This heavily fortified lubricant assures the ultimate lubrication of chains and sprockets operating in high temperature ovens. **Bio-Chain FG** keeps chains clean and free of carbon build-up, increases productivity, and reduces maintenance costs.

TYPICAL SPECIFICATIONS:

Viscosity Grade (ISO)	150
Viscosity @ 40°C, cSt	147.1
@ 100°C, cSt	24.9
Viscosity Index	203
Rust Prevention	Pass
Pour Point, °F (°C)	-13 (-25)
Flash Point, °F (°C)	595 (313)
Bio Classification	Ultimate PW1
NSF Registered	H-1

Values shown here are typical, and may vary.