

## EXTREME TEMPERATURE SYNTHETIC FOOD GRADE OVEN CHAIN LUBRICANT

### PRODUCT DESCRIPTION

Chain Guard™ Food Grade Graphite 220 (CG-FSG-220-H1) is a food grade, high temperature, ester based, fully synthetic chain oil fortified with anti-wear additives and oxidant inhibitors that optimize the performance and stability of the lubricant. This premium lubricant is designed for use on chains where excellent thermal stability and reduced deposits formation is required. CG-FSG-220-H1 oven chain lubricant provides better load and wear properties than food grade H1 white petroleum oils or PAOs. It has a high flash point and a high recommended operating temperature range of up to 650°C (1200°F) plus. Chain Guard™ Food Grade Graphite is an NSF H1 food grade registered product that meets all regulations set out by the FDA (21 CFR 178.3750) and is approved for incidental contact with food in and around food processing areas.

### CHARACTERISTICS

- ◆ Contains only NSF H1 approved food grade components
- ◆ Superior load and wear properties
- ◆ Excellent oxidative and thermal stability
- ◆ Reduced sludge and deposit formation
- ◆ Good water and rust resistance
- ◆ Low Volatility, High Solvency, & Low Maintenance
- ◆ Base fluid has high flash point of 275°C (527°F)
- ◆ Extended lubrication up to 650°C (1200°F) plus



Nonfood Compounds  
Program Listed H1  
(Registration # 144290)

### SPECIFICATIONS & TYPICAL PROPERTIES

Properties	Test Method	Specifications
Viscosity @ 40°C (104°F)	ASTM D445	225 cSt
Viscosity @ 100°C (212°F)	ASTM D445	27 cSt
Viscosity Index	ASTM D2270	157
Flash Point	ASTM D92	275°C (527°F)
Pour Point	ASTM D97	-25°C (-13°F)
Specific Gravity	ASTM D1298	1.00
Appearance	-	White Liquid

### APPLICATIONS:

- ◆ Bakery Oven Chains
- ◆ Roller Ball Bearing Chains on Oven Conveyors
- ◆ Pita Oven Chains
- ◆ Corn Tortilla Oven Chains
- ◆ Tunnel & Tray Ovens
- ◆ Chip Oven Chains
- ◆ Cracker Oven Chains
- ◆ Naan Oven Chains
- ◆ Flatbread Oven Chains
- ◆ Lavash Oven Chains
- ◆ Drying Ovens
- ◆ Any other high temperature food Oven

TDS - CHAIN GUARD™ FOOD GRADE GRAPHITE 220 (CG-FSG-220-H1)