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# **CINN-CHAIN FG 1200 II**

## **Synthetic Oven Chain and Bearing Lubricant**

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**Overview:** Interlube's CINN-CHAIN FG 1200 II is designed for use in high temperature ovens where a USDA H1 lubricant is wanted or needed (acceptable for incidental food contact). It can be used in applications up to 240°C or 465°F. It offers excellent anti-wear performance and oxidation resistance.

It has low volatility which helps reduce oil consumption. The synthetic basestock used prevents carbon and varnish deposit formation. As it doesn't need diluents to facilitate application, it has a high flash point and is safe to use even in high temperature environments. The low surface tension ensures good adhesion to the lubricated surfaces.

**Operational Benefits:** These products offer these competitive advantages to enhance your reliability:

- **Completely synthetic – No diluents**
- **Very low deposit formation**
- **High temperature performance up to 240°C / 465°F.**
- **Extremely low volatility – Reduced fluid consumption**
- **No Carbon or varnish buildup**
- **Excellent Anti-Wear and Extreme Pressure performance**
- **Outstanding adhesion properties**

**Application:**

- **High temperature chains in industrial and food/ foodstuffs production**
- **Kilns**
- **Lithographic Chains**
- **Textile Tenter Frames**

**Typical Industries:** This product is commonly used (but not exclusively) in the following industries:

- **Food packaging**
- **Pharmaceutical packaging**
- **Printing**
- **Consumer goods**
- **Cosmetics**
- **Meat and poultry**
- **Can and bottle**
- **Dairy**
- **General manufacturing**
- **Chemical manufacturing**

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International Manufacturer & Distributor of the World's Finest Lubricants & Cleaning Compounds

## CINN-CHAIN FG 1200 II

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#### Technical Properties

Specification	Method	Typical Results
Appearance	ASTM E-2680-16	Clear Amber
Specific Gravity	ASTM D-1298	1.003
Viscosity		
ISO Viscosity Grade	-	220
cSt @ 40°C	ASTM D-445	224
cSt @ 100°C		19.5
SUS @ 100°F		1047.7
SUS @ 210°F		94.1
Viscosity Index	ASTM D-2270	99
Acid Number	ISO 6619	0.3
Flash Point, °C (°F)	ASTM D 93	>234 (453.2)
Pour Point, °C (°F)	ASTM D 97	-21 (-6)
Copper corrosion	ASTM D-2160	1b
Four Ball Wear Scar, mm	ASTM D-4172	0.40
Evaporation – 6 hours @ 200°C	ASTM D-972	0.3

*The values shown are typical of current production. All of them may vary within tolerable ranges*

