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## TECHNICAL DATA SHEET

# CINN-CHAIN FG 1200 II

## Synthetic Oven Chain and Bearing Lubricant

**Overview:** Interlube 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**

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



**CINN-CHAIN FG 1200 II**  
**Synthetic Oven Chain and Bearing Lubricant**  
**Technical Properties**

| Specification                 | Method          | Typical Results |
|-------------------------------|-----------------|-----------------|
| Appearance                    | ASTM E-2680-16  | Clear Amber     |
| Specific Gravity              | ASTM D-1298     | 1.003           |
| Viscosity                     | -<br>ASTM D-445 |                 |
| ISO Viscosity Grade           |                 | 220             |
| cSt @ 40°C                    |                 | 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.*