
CINN-CHAIN FG 125 II

Synthetic Bearing and Oven Chain Fluid

Overview: Interlube's CINN-CHAIN FG 125 II Synthetic Oven and Chain Fluid is a synthetic bearing and oven chain lubricant specially manufactured for high load and operating temperature demands which occur in Tenter (revolving) chain dryers. Its great thermal stability and resistance to oxidation far exceed the specifications for which mineral lubricants are designed. Its naturally high viscosity index as well as its very low fluidity index ensure its performance in a wide range of temperatures. These physical qualities are inherent to the molecular advantage of having a fully synthesized hydrocarbon (SHC) base – no mineral oil. All these benefits add up to give the **CINN-CHAIN FG 125 II Synthetic Bearing & Oven Chain Fluid** the ability to maximize service intervals, reducing consumption and increasing the life of the equipment by reducing stops and maintenance costs.

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

- **USDA H1 Food Grade** • **Very low volatility** • **Good resistance to thermo-oxidation**
- **Low deposit formation** • **Exceptional anti-wear properties prolonging chain life.**
- **Low surface tension cleans the chain as it lubricates** • **Water insoluble** • **Strong adhesion to metal surfaces** • **Penetrates into chain pins** • **Wide operating temperature range (-30°C – 225°C)**

Application: CINN-CHAIN FG 125 II is a USDA H-1 type lubricant for use where there could be incidental contact with food products. Meets FDA requirements for lubricants with incidental food contact as noted in 21 CFR 178.3570.

- **Oven chains** • **Heat treatment lines** • **Drying Bearing lubrication (static and circulation)** • **Drip oilers**

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

- **Bakeries** • **Pharmaceutical packaging** • **Cosmetics** • **Meat and poultry** • **Can and bottle** • **Dairy** • **General manufacturing**

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Technical Properties

Property	Method	Typical Results
Appearance	Visual	Clear Fluid
Color	Visual	White/ Light Amber
Viscosity cSt @ 40°C SUS @ 100°F	ASTM D-445	120 600
Viscosity Index	ASTM D-2270	>120
API Gravity	ASTM D-5002	19.0
Specific Gravity	ASTM D-792	6.82
Flash Point (°F)	ASTM D93	>500
Pour Point (°F)	ASTM D97	-25

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



Interlube Corporation
 4646 Baker Avenue
 Cincinnati, Ohio 45212-2594 USA
 Tel: 513-531-1777 | Fax: 513-531-0193
 SALES@INTERLUBECORPORATION.COM | WWW.INTERLUBECORPRATION.COM

24093