JET-LUBE® OVEN CHAIN LUBRICANT™

DESCRIPTION

JET-LUBE's OVEN CHAIN LUBRICANT evolved with the cooperative efforts of end users into a premium, effective, high viscosity lubricant that penetrates into the chain to provide optimum performance at elevated temperatures. Synthetic fluid technology was carefully balanced with USDA H-1 (incidental food contact) restrictions to produce a product that is not only clean and safe, but effectively lubricates the chain components.

Fluid lubricants rapidly lose viscosity with temperature. The viscosity loss results in a comparable loss in fluid film lubrication and increase in wear. To offset wear, many lubricants utilize organic EP anti-wear additives that include sulfur, phosphorous and nitrogen. These degrade at temperatures as low as 250°F (121°C). The degraded additives form corrosive gases that can damage equipment. In addition, these by-products are noxious and if not properly vented, can be harmful to operating personnel.

JET-LUBE's OVEN CHAIN LUBRICANT is derived from a carefully evolved blend of high viscosity, non-smoking [550°F (288°C)], low odor synthetic fluids and sur-face tension modifiers. These lower the surface tension of the high viscosity fluids allowing them to move effectively to penetrate into the links and pins of the chain and lubricate the chain roller. **OVEN CHAIN LUBRICANT** avoids the use of the potentially damaging organic additives by using a synergistic blend of micro-sized solid boundary lubricants that minimize wear by reducing metal-to-metal contact. The semifluid consistency is developed using a non-melting, inorganic thickener that reduces drip and subsequently the potential introduction of lubricant into food products.

JET-LUBE's OVEN CHAIN LUBRICANT is a state-of-the-art answer to oven chain lubrication. It can also be utilized effectively in gear lubrication applications.

- Synthetic
- NSF H-1 Reg. #113601
- Contains PTFE
- Low Odor
- Reduced Smoke
- Noncorrosive
- Penetrates
- Lubricates

PRODUCT CHARACTERISTICS

Appearance	White
Thickener	Inorganic
Fluid Type	Synthetic
Base Oil Viscosity cSt @ 40°C	ISO 460
Penetration @77°F, mm x 10^{-1} (ASTM D-217)	400 – 430
Dropping Point (ASTM D-566)	None
Copper Strip Corrosion (ASTM D-4048)	1A Min.
Flash Point (ASTM D-92)	>540°F (282°C)
Service Rating	-25°F to 752°F (-32°C to 400°C)