

OVEN CHAIN LUBRICANT



TECHNICAL DATA SHEET

3820 - 97 Street, NW, Edmonton, Alberta Canada T6E 5S8 • Phone (780) 463-7441 Toll Free 1-888-771-7775 Fax (780) 463-7454 Toll Free 1-888-449-4449
email: sales@jetlubecanada.com Web site: www.jetlubecanada.com

DESCRIPTION

JET-LUBE's OVEN CHAIN LUBRICANT evolved with 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 121°C (250°F). 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 [288°C (550°F)], low odor synthetic fluids and surface 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 nonmelting, 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.

OPERATING RANGE:
-32°C to 400°C (-25°F to 750°F)

CERTIFICATIONS



CHARACTERISTICS

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

PRODUCT SPECIFICATIONS

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

PACKAGING

Inventory Code	Container Size	Container
33216	35 Lb.	Pail
33224	120 Lb.	Keg
33229	400 Lb.	Drum



LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.