



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

OVEN Chain Lubricant™ Inorganic Synthetic

DESCRIPTION

JET-LUBE OVEN CHAIN LUBRICANT evolved with the co-operative efforts of end users into a premium, effective, semi-fluid lubricant that penetrates into the chain to provide optimum performance at elevated temperatures. Synthetic fluid technology was carefully balanced with NSF 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 utilise organic EP anti wear additives that include sulphur, 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.

OVEN CHAIN LUBRICANT is derived from a carefully evolved blend of high viscosity, non smoking up to 288°C (550°F) ambient air temperature, low odour 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 minimise 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.

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

ADVANTAGES

- Synthetic.
- NSF H-1 Approved.
- Contains PTFE.
- Low Odour.
- Reduced Smoke.
- Non-corrosive.
- Penetrates.
- Lubricates.

PRODUCT CHARACTERISTICS

Service range:	-32°C (-26°F) to 400°C (750°F)
Appearance:	White/Grey
Fluid Type:	Synthetic
Thickener:	Inorganic
Fluid Base Oil Viscosity cSt @ 40°C (104°F):	ISO 460
Penetration(ASTM D-217) @ 25°C (77°F) mm x 10-1:	400-430
Dropping Point (IP50/ASTM D-566):	None
Copper Strip Corrosion(ASTM D-4048):	1A Min.
Flash Point (ASTM D-92):	282°C (540°F)

PACKAGING

Code	Net contents	Container
98598571	1kg	Pail
14388798	16kg	Pail

LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited 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 (UK) Limited. 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 (UK) Limited shall not be liable for incidental or consequential damages.



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