

HT Oven Lubricant

A Boron Lubricants, Incorporated product

Product Description:

BLI's Liquid Boron HT Oven Lubricant is specially formulated to provide chain lubrication protection at extremely high temperatures up to 2,000° F. This unique formulation is ashless and does not leave residue on the chain components. Liquid Boron HT Oven Lubricant will not build varnish and carbon residue commonly found on many chain applications.

BLI's Liquid Boron HT Oven Lubricant is formulated with the unique patents pending *Liquid Boron* chemistry. Liquid Boron HT Oven Lubricant provides a high natural detergency action which cleans residue from components allowing the *Liquid Boron* chemistry to bond and penetrate the lubrication points providing extreme wear protection for sprockets, chain rollers, bushings, pins and rails. Exceptional wear protection on chains extends the life of sprockets and provides for a much longer chain life in turn reducing oven downtime.

Performance Benefits:

- Extreme Temperature**
 Unique chemistry provides lubrication and protection at temperatures up to 2,000° F (1,093° C).
- Extreme Protection**
 Extreme pressure, shock and wear protection.
- Fire Reduction**
 Reduces or eliminates smoke and oven fires.
- Excellent Rust and Corrosion Protection**
 Natural bonding provides rust and corrosion protection in all environments including water and salt spray.
- Long Life**
 Provides long life protection which reduces application amounts and frequency. Long life protection during storage and downtime after bonded.
- Easy Application**
 Apply with automated spray system.
- Environmentally Responsible**
 HT Oven Lubricant requires reduced application rates. The oil carrier burns off ashless at low temperatures leaving Liquid Boron chemistry bonded to the components with no residue.
- H1 Available**

Proprietary Liquid Boron Chemistry

BLI's patents pending Liquid Boron chemistry is exclusive to BLI lubricants. BLI's Liquid Boron is not an additive; is not a micro or nano lubricant; but is a "solution" that bonds and treats metal.

BLI's Liquid Boron chemistry quickly bonds with metals creating an almost diamond hard surface boundary lubrication layer. Liquid Boron provides superior wear protection and allows opposing components to move against each other under greatly reduced friction protected by the bonded surface boundary lubrication layer. Liquid Boron provides protection and friction reduction even without the presence of an oil film.

BLI's Liquid Boron chemistry delivers long life friction and wear reduction!

Packaging:

Pails, Drums, and Totes.

Properties and Specifications:

Test Description	Typical Properties
ISO Grade	ISO 46
Viscosity Index	150
Viscosity cSt @ 40° C	42 mPA.s
Oil Film	Ashless
Minimum Coefficient of Friction (ASTM G99 with sliding distance 360 m)	0.009
Pour Point ° F (° C)	-58° F (-50° C)
Base Oil Flash Point ° F (° C) (ASTM D92)	210° F (98° C)
Boron (B) Melting Point ° F (° C)	3768° F (2076° C)
Modified Test using Pin and Vee Block Machine (ASTM D5620 Modified 200 lb)	3.5 hours-no re-lubrication, No failure
Solids	None
5µ Filter Test (ASTM D6217/D2276 Modified)	"0" Residue
Toxicity	None (see MSDS)
NSF / USDA H-1 product available	Contact distributor

For additional information, go to www.boronlube.com

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

Health and Safety

Liquid Boron HT Oven Lubricant is not intended for use other than intended. MSDS is available upon request. When disposing of the used product follow local environmental regulations.

Contact your Liquid Boron representative for more information on Boron Lubricants' products or to place an order.

1-800-246-5195 for Sales and Technical Support

© 2013 Boron Lubricants, Inc. All rights reserved. BLI's Liquid Boron is a trademark of Boron Lubricants, Inc.

