

Engine Treatment

A Boron Lubricants, Incorporated product

BLI's Liquid Boron Engine Treatment improves engine efficiency by lubricating and protecting engine components with a virtually diamond hard boric-oxide bonded surface.

Product Description:

BLI's Liquid Boron Engine Treatment is specially formulated to be added to any engine oil in any internal combustion engine. ***BLI's Liquid Boron Engine Treatment*** is formulated with the unique patents pending ***Liquid Boron chemistry***. Having an extremely strong affinity to metals, ***Liquid Boron***, displaces sludge and varnish as it seeks to chemically bond with the engine metals. Once bonded, Liquid Boron provides superior friction reducing lubrication, decreasing wear and warding off future sludge and varnish buildup.

Performance Benefits:

- Extreme Friction Reduction**
 Liquid Boron has a Coefficient of Friction of 0.009!
- Extreme Wear Protection**
 Virtually diamond hard bonded boundary layer lubrication fills asperities providing superior wear protection.
- Reduces Operating Costs**
 Improves fuel economy 3 to 15%, increases component life and can reduce oil change frequency.*
- Long Life**
 Provides long life protection, only one application lasts at least 50,000 miles.*
- Clean Engine**
 A clean engine is more efficient—Liquid Boron sustains engine cleanliness and protects against sludge, gum and varnish buildup and protects components against dirt and wear metals. Provides excellent rust and corrosion protection.
- No Harsh Chemicals**
 Does not contain chlorine or other harsh chemicals and does not contain any solids such as PTFE or moly. Compatible with all filter media.
- Compatibility**
 Compatible with any engine oil—synthetic, synthetic blend or mineral oil. Has no harmful effect on engine oil API Certifications.

How to Use:

Treat engine by adding ***Liquid Boron Engine Treatment*** to engine oil at a 10:1 ratio (oil to Liquid Boron) at the next oil change. For best results,

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 with and treats metal.

BLI's Liquid Boron chemistry quickly bonds with metals creating an almost diamond hard surface boundary lubrication layer. This lubricating layer provides significant friction reduction (a Coefficient of Friction of 0.009 allowing components to move more freely requiring reduced power, all the while providing the ultimate in wear protection.

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

Properties and Specifications:

Test Description	Typical Properties
Viscosity, cSt @ 40 °C	40
Base Oil	Synthetic
Grade SAE (ISO)	20 (46)
Minimum Coefficient of Friction, (ASTM G99 with sliding distance 360 m)	0.009
Specific Gravity @ 20 °C	0.968
Pour Point, °F (°C)	-58° F (-50° C)
Flash Point, °F (°C) (ASTM D92)	211.6° F (99.8° C)
Color	Translucent Blue
Corrosiveness to Copper (Cu), (ASTM D130)	1a
Rust Preventing Characteristics, (ASTM D665)	Pass
Solids	None
5µ Filter Test, (ASTM D6217/D2276 Modified)	"0" Residue
Toxicity	None (see MSDS)
Odor	None
D.O.T.	Not Regulated

prepare the engine by removing contaminants with ***BLI's Liquid Boron Engine Pre-Treatment***. Refer to ***Technical Supplement BLI's Liquid Boron Treatment Procedure*** for detailed engine treatment instructions and high mileage vehicle recommendations.

Retreat every 50,000 to 100,000 miles.

Packaging:

Quarts, Custom and bulk packaging upon request.

*Results may vary based on engine and driving conditions. Always use oil analysis when attempting to extend oil change intervals.

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

BLI's Liquid Boron Engine Treatment 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

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