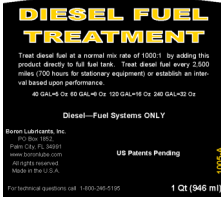


BLI's Liquid Boron Diesel Fuel Treatment

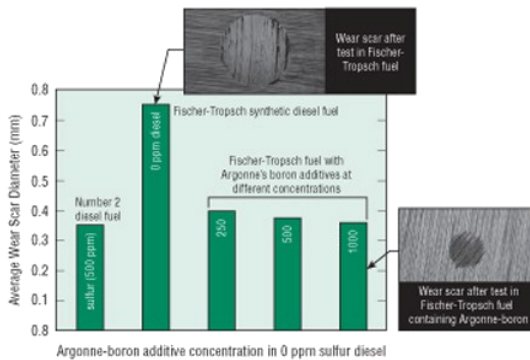


Liquid Boron Diesel Fuel Treatment improves fuel economy by cleaning and lubricating the diesel fuel system components and providing a diamond hard protective boundary surface on all fuel system components.

Product Description:

BLI's Liquid Boron Diesel Fuel Treatment is a formulated fuel system treatment compatible with all types of diesel fuels, including ultra-low sulfur (ULSD), bio-diesel and ethanol-diesel fuel blends. **Liquid Boron Diesel Fuel Treatment** is simply poured into the fuel where the product blends, cleaning components throughout the fuel and combustion system allowing Liquid Boron to bond with the metal components creating the diamond hard boric-oxide lubricating and protective surface.

The treatment cleans and will reduce, or eliminate gums and varnish buildup, which in turn cause carbon residue buildup. Preventing these contaminants from buildup in fuel and combustion components will result in improved combustion efficiency and better performance. The boric-oxide bonding protects moving components in the fuel system, lubricating, reducing friction, protecting against wear and eliminating the buildup of varnish and carbon residue without affecting fuel additives (See test results in figure from Argonne National Laboratory). This unique formulation will help keep fuel lines from varnish buildup and will reduce fuel pump downtime simply by allowing the system to run cleaner. The diamond hard bonded surface also protects components in high velocity fuel systems reducing injector wear and potential premature engine failure.



Product Benefits:

- Lubricates fuel system components
- Protects components from wear with diamond hard boric-oxide bonded surface
- Cleans and keeps fuel system clean by eliminating gum and varnish buildup
- Keeps injectors clean and reduces carbon deposits in combustion chamber
- Absorbs and emulsifies water providing for efficient combustion

Applications:

Liquid Boron Diesel Fuel Treatment is recommended for both two-stroke and four-stroke diesel engines. Compatible with all types of modern diesel fuels including ultra-low sulfur diesel (ULSD), bio-diesel and ethanol-diesel fuel blends.

Automotive Diesels, Class 3 Light Duty, Class 4 - 6 Medium Duty, and Class 7 & 8 Heavy Duty. Recommended for stationary diesels including refrigeration units (reefers), backup and emergency generators. Also recommended for marine diesels.

How to Use:

Initial diesel fuel system treatment: Add **BLI's Liquid Boron Diesel Fuel Treatment** in a more concentrated mix rate of 500:1 (double the mix rates in the table below) to each full fuel tank. High mileage vehicles and contaminated fuel systems may have a varnish/lacquer buildup throughout the fuel system which will be cleansed and could very well cause a fuel filter to become clogged. These vehicles should allow at least a ½ hour idle time prior to releasing the vehicle to the road. It is recommended to have an extra fuel filter available in case fuel filter clogging takes place since this treatment involves the cleaning of the fuel system components in order for the Liquid Boron bonding to take place.

Standard treatment: After initial treatment and each subsequent treatment, treat diesel fuel at a normal mix rate of 1000:1 (see mix rate table below) by adding this product directly to each full fuel tank. Recommended treatment frequency for diesel fuel is every 2,500 miles (700 hours for stationary equipment) or establish a treatment interval based upon performance.

20 GAL = 3 Oz.	40 GAL = 5 Oz.	80 GAL = 10 Oz.	120 GAL = 16 Oz.
150 GAL = 20 Oz.	180 GAL = 23 Oz.	200 GAL = 26 Oz.	240 GAL = 32 Oz.

Bulk fuel treatment: Blend 1500:1 in bulk fuel tanks. This product will also help to control any fungus and microbe buildup in bulk fuel storage. BLI's Liquid Boron is not a biocide. Bulk tank blending is best if the vehicles are fueled at company fuel sites.

Packaging:

Quarts, Custom and bulk packaging upon request. Available in the USA for on off-road (nonroad) use only pending EPA approval for highway use.

Properties and Specifications:

Test Description	Typical Properties
ISO Grade	ISO 10
Viscosity cSt @ 40 °C	12
Pour Point °F (°C)	-58 °F (-50 °C)
Flash Point °F (°C)	230 °F (110 °C)
Cloud Point °F (°C)	32 °F (0 °C)
Color	Straw
D.O.T.	Not Regulated

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