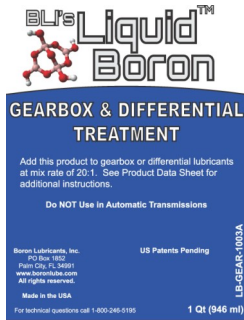


BLI's Liquid Boron Gearbox & Differential Treatment (LB-GEAR-1003A)



BLI's Liquid Boron Gearbox & Differential Treatment reduces friction by cleaning and then lubricating and protecting gears and bearings with a diamond hard boron-oxide bonded surface.

Product Description:

BLI's Liquid Boron Gearbox & Differential Treatment is formulated to be added to any gear oil in any gearbox, differential or manual transmission. **It is not intended for use in automatic transmissions.** The unique formulation introduces BLI's Liquid Boron into the gearbox and differential creating a chemical reaction bonding process between the internal metal components and the Liquid Boron. Having an extremely strong affinity to metals, Liquid Boron, displaces sludge and varnish as it seeks to bond with the metals. This produces a boron-oxide boundary surface very close to diamond hardness with superior friction reducing lubrication, decreasing wear and warding off future sludge buildup.

Liquid Boron Gearbox & Differential Treatment works to quickly establish the bonded surface and begin reducing friction. Because of the boron-oxide surface bonding, sludge, gums and varnish, and other deposits can no longer attach to these surfaces. Reduced friction, running a cleaner gearbox allows for better heat transfer and reduced temperatures. Clean gears and bearings are more efficient than dirty components and **Liquid Boron Gearbox & Differential Treatment** helps to sustain that cleanliness by not allowing the aforementioned contamination to adhere to the metals internally. This promotes longer gear and bearing life and extended gear oil life since the gear oil additive chemistry does not have to work as hard.

Product Benefits:

Liquid Boron Gearbox & Differential Treatment reduces internal gearbox, differential and manual transmission friction increasing power transmission and performance.

Compatible with all mineral, semi-synthetic or synthetic gear oils. Unlike normal additive chemistry in gear lubricants **Liquid Boron Gearbox & Differential Treatment** is a metal treatment and is stronger and much more stable under normal wear, loads and shock loads.

Major benefits include:

- Sustains lower friction on gears and bearings
- Reduces gear tooth drag
- Reduces oxidation deposits
- Reduces varnish deposits
- Improves drive train torque
- Prevents micro-pitting
- Absorbs shock
- Inhibits rust and corrosion
- Compatible with any gear lubricant
- Reduces friction related heat

How to Use:

Simply add to existing gearbox, differential or manual transmission gear lubricant at a mix rate of 20:1 (oil to Liquid Boron).

If the gearbox, differential or manual transmission has more than 300,000 miles (482,000 kilometers) or the component is contaminated or suspected to be contaminated with varnish, then mix **BLI's Liquid Boron Engine Pre-Treatment** at mix rate of 20:1 with the existing gear lubricant and run under no load for thirty (30) minutes then drain the contaminated oil while hot. It is recommended to take an oil sample of the drained oil for analysis. Add the new gear lubricant along with **BLI's Liquid Boron Gearbox & Differential Treatment** at a mix rate of 20:1.

BLI's Liquid Boron Gearbox & Differential Treatment may also be used in trailer hubs at the same 20:1 mix ratio.

Packaging:

Quarts, Custom and bulk packaging upon request.

Properties and Specifications:

Test Description	Typical Properties
ISO Grade	ISO 46
Viscosity cSt @ 40°C	42
Base Oil	Synthetic
Pour Point °F (°C)	-58° F (-50° C)
Color	Translucent Blue
Timken Load Fluid (ASTM D2782)	
Four Ball Wear @ 40 kg Fluid (ASTM D4172B)	
Solids	None
Biodegradable	85%
D.O.T.	Not Regulated

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