

# Motor Silk™ Is A Unique Engine Lubrication Technology.

Boron CLS Bond™ (Crystal Lattice Structure) is one of the lowest friction lubricants known, and the near frictionless boundary layer it produces is a result of its macromolecularly bound, layered crystal structure. The crystal platelets within the boundary layer align themselves parallel to the direction of sliding motion and move over each other, inhibited only

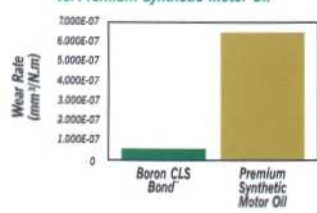


High magnification photo of actual platelets in Crystal Lattice Structure

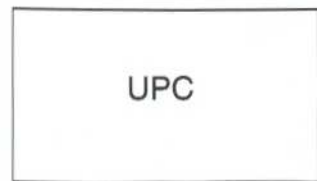
by weak van der Waals' forces. The active boron compound (hydrogen orthoborate) interatomically bonds to metals, creating a self-replenishing, low-friction boundary layer of microscopic platelets.

The principal anti-wear and friction-reduction additives in all premium motor oils are the same—compounds of sulfur (calcium sulfonate) and zinc/phosphorus (Zinc dialkylthiophosphate-ZDDP). Both of these additives have been around for years. While reasonably effective, they do not achieve the level of benefits of the *Boron CLS Bond™* chemistry in *Motor Silk™*. The sulfur, zinc, and phosphorus compounds do not chemically bond to metal surfaces, and are either toxic or produce toxic byproducts. In contrast, the sub-micron particles of hydrogen orthoborate in *Motor Silk™* chemically react with metal to create a nearly permanent self-replenishing, boundary-layer lubricant on metal surfaces. *Boron CLS Bond™* is biodegradable.

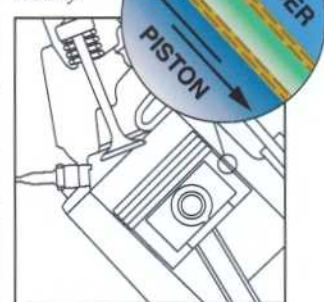
Wear-Reducing Capability Of Boron CLS Bond™ vs. Premium Synthetic Motor Oil



Extensive scientific data, research papers, and test results are available at [www.altboron.com](http://www.altboron.com)



Microscopic hydrogen orthoborate crystal platelets bond to cylinder and piston surfaces to create a near frictionless lubricant boundary.



Advanced Lubrication Technology, Inc.  
U.S. Patents #5,431,830 by Argonne National Laboratory, Argonne, Illinois.

## Motor Silk™ For High Performance And Long Engine Life.

Add *Motor Silk™* to your engine today to reduce heat, wear, and friction, thus extending engine life, improving and maintaining operating efficiencies, and reducing exhaust emissions. It is the most advanced wear and friction-reducing technology available to the automobile owner.

**Extended Warranty Opportunity:** Use of *Boron CLS Bond™* products may qualify your vehicle for an extended warranty. See our web site for further information.

*Motor Silk™* is compatible with all engine oils, and exceeds all manufacturer's engine warranty requirements. Base oil used meets or exceeds A.P.I. Service requirements. *Boron CLS Bond™* is biodegradable.

16oz high-concentrate formula  
Made in the USA  
Advanced Lubrication Technology, Inc.  
Los Angeles, CA  
[www.altboron.com](http://www.altboron.com)



Engine Lubrication Technology



- When compared to premium motor oil alone, the addition of *Motor Silk™* significantly reduces friction and wear, boosts gas mileage, reduces operating temperatures, and cuts emissions.

(See [www.altboron.com](http://www.altboron.com) for specific performance and test data)

- Add to engine oil every 100,000 miles.
- Patented technology creates a self-replenishing 200 to 400 nanometer boundary-layer lubricant.
- Extend regular oil-change intervals.

(While your engine is under warranty, you should comply with the recommended maintenance program.)

## Add Up To 100,000 Miles Of Lubricant Protection!

### Directions:

- *Motor Silk™* works equally well when you change your oil, or when added between oil changes.
- Use one full pint bottle of *Motor Silk™* per 5 quart crankcase capacity, a 1:10 ratio.
- Shake well before using.
- If used when you change your oil, simply add *Motor Silk™* with any premium oil.
- If used between oil changes, add *Motor Silk™* at least 1,000 miles before your next oil change. This will ensure sufficient time for boundary-layer formation and bonding. For best results add directly to the crankcase when the engine is warm, then run engine a minimum of five minutes.
- *Motor Silk™* will remove sludge and varnish from your engine. If your engine has over 100,000 miles when you add *Motor Silk™*, change the oil and replace the oil filter within 3,000 miles to eliminate these contaminants from your engine.

**Caution:** Do not mix with automatic transmission fluid or use where friction is required.