



## Product Summary

**BestLine International Research, Inc.**, has developed a radically new line of full synthetic lubricants and lubricant additives that dramatically reduce friction, heat and mechanical wear to an extent never before seen or measured. BestLine refers to its proprietary technology as “Micro Lubrication Technology,” or “MLT.” BestLine’s products protect, preserve and lubricate any engine, or other mechanical device where metal meets metal, far greater than any other lubricants available today.

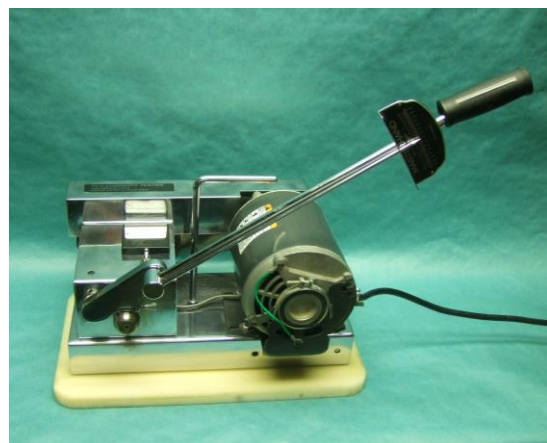
There are three significant benefits from the use of BestLine products:

- **Any engine, mechanical device, or machine will work more efficiently** (they will conserve fuel and save energy);
- A significant **increase in the useful life** of any engine, vehicle, or other mechanism that requires lubrication, by substantially minimizing wear;
- **Reduction in downtime** of any engine, vehicle, or other mechanism, for maintenance and/or repairs. For any users that test their oils to determine when changing is required (a relatively common practice with large fleets or where the oil is used in large equipment), it will be found that BestLine extends the useful life of the oil.

Any one of the above would save money. Combined, there are substantial savings for any user of the products.

BestLine has subjected its products to in-house and third party testing. One of our in-house tests clearly demonstrates the wear/friction-reducing capabilities of BestLine’s products with MLT.

The test was conducted using a standard “cross-axis” machine commonly referred to as a “bench test.” The machine holds a “test bearing” against and perpendicular to (or across) the axis of a rotating bearing. The metal in the rotating bearing is considerably harder than the metal in the “test bearing.” Force applied to a torque wrench determines how much pressure exists between the two bearings. The damage to the “test bearing” has a direct inverse relationship to the lubricant being tested; specifically, *the better the lubricant, the less the damage.*



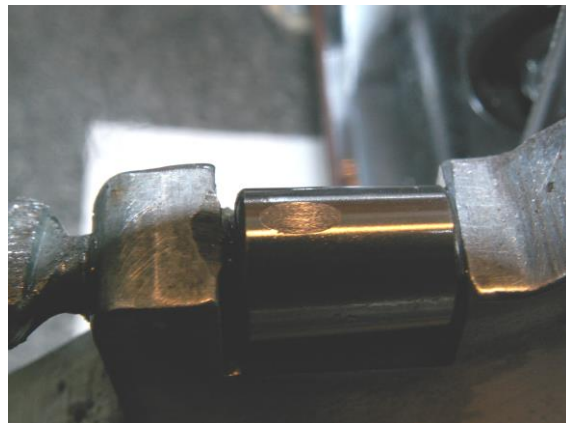
Using only a five (5) pound weight on the torque wrench, all tested oils and additives (except BestLine's) resulted in failure and significant damage to the "test bearing" in as little as ten (10) seconds. A visual review of the test bearing makes this abundantly clear.

The damage to the test bearings is seen as follows:

**TEST I: With PENNZOIL ADVANCED PROTECTION 5W-30. The wear scar shown was from only 10 seconds of running with the pressure of a 5-pound weight.**



**TEST II: With CASTROL GTX START UP 5W-30. Again, the wear scar shown was from only 10 seconds of running with the pressure of a 5-pound weight.**



**TEST III: With 25 percent of SLICK – 50 mixed with PENNZOIL 5W-30. Still only 10 seconds of running time.**

Pennzoil and Quaker State recommend that a quart of Slick-50 be added with each oil change. (Sold in 5 quart packs, 4 quarts of oil and quart of Slick 50)



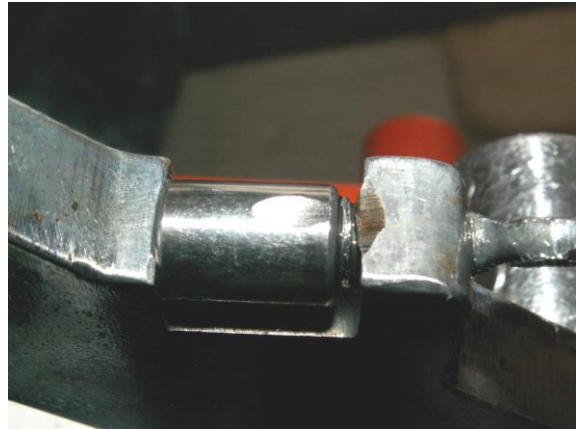
**TEST IV: With 25 percent of DURALUBE mixed with PENNZOIL 5W-30. Again, only 10 seconds.**



**TEST V: With 25 percent of WYNNNS mixed with PENNZOIL 5W-30. Again, the test was just 10 seconds in running time.**



**TEST VI: With 25 percent of Z-MAX mixed with PENNZOIL 5W-30. Like the others, this was only 10 seconds of running with 5 pounds of pressure.**

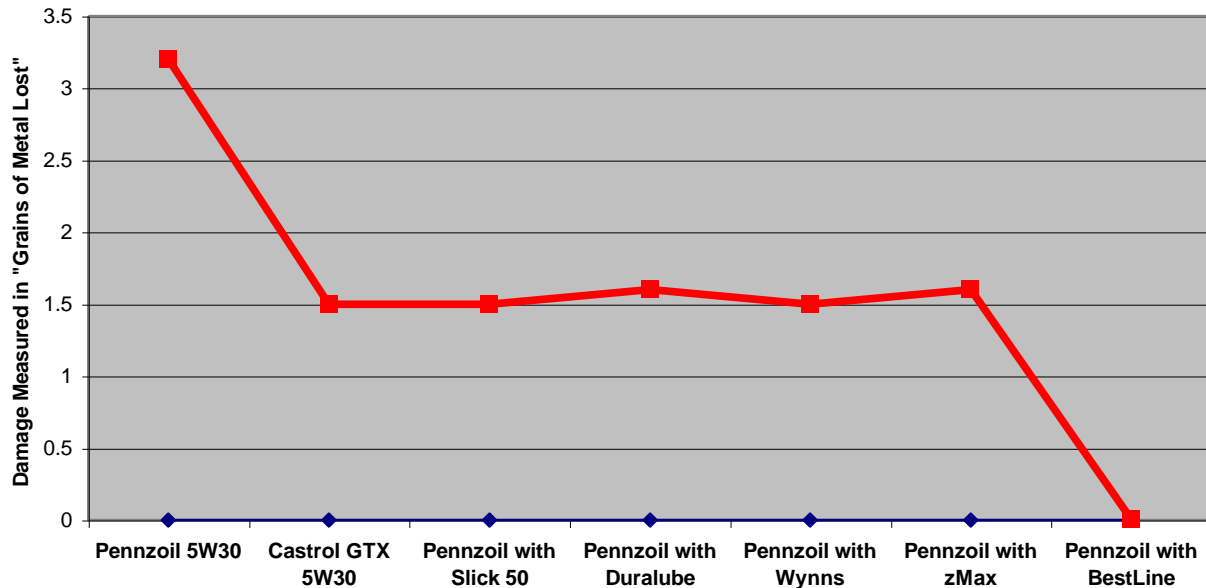


**TEST VII: With 10 percent of BestLine mixed with PENNZOIL 5W-30. Using BestLine's additive, at only 10%, with a 5-pound weight, there was no visible wear scar. It took thirty (30) seconds on the bench test to create a measurable loss, which was then only .02 grains (or .006 grains for 10 seconds).**



**The following graphic representation shows that BestLine currently outperforms all other lubricants:**

**Damage to Test Bearing**  
**"The *BEST* Lubricant will Allow the *Least* Damage"**



BestLine has subjected its product to the rigors of industry accepted tests by world-renowned laboratories. One test, the **Sequence VIB** (VIB) was conducted by Southwest Research Institute in San Antonio, Texas. ***BestLine's product scored significantly better than required to pass the industry-standard Sequence VIB test.*** Further, there are several factors that should be noted:

- The VIB is a very difficult test to pass. According to Mr. Charlie Leverett of Intertek Automotive Research (formerly PerkinElmer Automotive Research), oils that had "GF-4" credentials<sup>1</sup> could not pass the VIB when they were taken off the shelf at a retail store and tested.<sup>2</sup> The clear implication is that the oil sent for testing by the various manufacturers was not identical to the oil in the bottles for sale to the consumer.
- For the BestLine test, an off-the-shelf GF-3 (one that could **not** pass the VIB to qualify as a GF-4) brand-name oil (10W30) was used. BestLine's additive was blended with the oil to equal approximately ten percent (10 percent) of the total volume.
- To pass the Sequence VIB, a minimum score of 1.1 is needed after 16 hours of continuous running. The oil with BestLine's additive had a score of 1.49, the higher the score, the better (and this amount is significantly better than "passing").

<sup>1</sup> The oil would have had to pass the Sequence VIB to have "GF-4" credentials.

<sup>2</sup> As reported in an article of the December 22, 2004 issue of "Lube Report."

- After 96 hours, a score of .8 is required to pass the test. The oil with the BestLine additive achieved a score of 1.51, almost double of that required, and significantly better than required for a 5W30 oil to pass.

The above clearly proves that the oil with the BestLine additive reduced friction, improved performance, increased fuel economy, and was continuing to treat the metal of the internal engine surfaces long after most other oils have started to fail.

A second test, the **Sequence VIII** (VIII) was conducted at Intertek Automotive Research, also in San Antonio, Texas. Again, the BestLine's product easily passed this test and there are several factors that need to be noted:

- The purpose of the VIII is to evaluate the lubricant's performance in combating bearing wear and to measure viscous shear stability.
- The engine is run for 40 hours at 3150 rpm with the oil temperature raised to 290 Deg F (143 Deg C) through the use of an external heater.
- Upon completion of the test, the connecting rod bearings are measured for weight loss and the viscosity of the oil is measured.
- To pass the test, the bearing weight loss (for oil rated SJ and SL) cannot exceed 26.4 mg.
- The oil used for the BestLine test was an off-the-shelf GF-3 (no claim by the manufacturer that it passed the VIII) brand-name oil. BestLine's additive equaled eight percent (8 percent) of the test oil.
- According to Intertek, the weight loss on the bearings was only 23.7 mg (easily passing the test).
- The viscosity of the oil with the BestLine additive started at 9.76 Centistokes at 100 Deg C. At the end of the test, the viscosity was 9.76 Centistokes at 100 Deg C. There was no change to the viscosity of the oil tested when the Bestline product was added.

In summary, any oil of standard quality, with the addition of approximately ten percent (10 percent) of BestLine's product, will yield a lubricant that, as far as we have been able to determine, is superior to any lubricant available on the market today. The test results shown above demonstrate that the BestLine oil additive:

- Reduces friction & heat;
- Reduces wear;
- Improves gas mileage;
- Increases power; and
- Extends the life of any engine.

The end result is that ***BestLine's additive is able to deliver the best lubrication available.***

## **Product Formulations**

BestLine's primary product may be blended with a variety of other ingredients or lubricants to create a host of products. These products are:

### **BestLine Engine Treatment:**

BestLine's Full Synthetic Engine Oil Formulation is an additive compatible with all motor oils. *This product is not to be confused with ordinary additives, which have marginal benefits and a limited application range.* BestLine Premium Synthetic Engine Oil Formulation is the ultimate synthetic lubricant enhancer that coats and bonds to all the metal surfaces with a polarized molecular layer approximately one molecule thick. This layer dramatically resists extreme pressure and excessive temperatures. As friction and wear are substantially reduced, maximum equipment life, performance and fuel economy can be expected. With the Micro Lubrication Technology™ present, the concentrated formulation will automatically compensate scarring. The Micro Lubrication Technology™ will heal the newly worn areas, establish an even lower co-efficient of friction surface due to increased penetration and a better polishing effect from increased hardening.

#### **Applications of this product include:**

- Internal Combustion Engines
- Air Compressor and Pumps
- Cooling Systems
- Heavy-Duty Off Road Military, Police and Emergency Equipment
- Turbine Lubrication
- Generators

#### **Benefits:**

- Treats and Protects Internal Engine and External Metal Surfaces
- Allows for Start-Up Lubrication (no more dry starts)
- Reduces Friction
- Reduces Operating Temperatures
- Reduces Drag and Wear
- Reduces Oxidation and Corrosion
- Increases Efficiency
- Affords Maximum Compression and Horsepower

### **BestLine Gasoline Conditioner:**

Fully synthetic and registered with the EPA, the BestLine Gasoline Conditioner is an additive that uses a complex blend of compounds designed to clean all components in the fuel system and improve the burn characteristics of the fuel, regardless of the octane rating. The



BestLine Gas Conditioner improves the fuel's lubricity, coating all metal surfaces throughout the fuel system with a protective layer of molecules, reducing friction and wear. It will also coat the entire top-end of the engine, including injectors, carburetors, spark plugs, valves and their seats and seals, with positively (+) charged ionic oil molecules. This layer of charged molecules helps prevent the buildup of hydrocarbons and increase engine life. The Gas Conditioner will break down gums and varnishes, reduce existing carbon buildup, and minimize pre-ignition. Regular use of the BestLine Gasoline Conditioner improves overall efficiency of the fuel system.

To clean and protect the fuel system, it is sufficient to use BestLine's Gas Conditioner with every third tank of fuel. For use with high performance engines, it should be used continuously. Because the product provides substantial protection against the corrosive characteristics of ethanol, whenever fuel with high concentrations of ethanol (at or above 10%) is being used, the Gas Conditioner should be added at each fueling. Two ounces of product treats 10 gallons of fuel.

**Applications of this product include:**

- Automotive
- Commercial
- Marine
- All Two and Four Cycled Engines, either Water or Air Cooled

**Benefits:**

- Maximizes Mileage and Performance
- Reduces Pre-Ignition on Gas Engines
- Lubricates Top End and Fuel Injectors
- Reduces Carbon
- Cleans Carburetors, Injectors, Valves, Pistons, Rings, etc.
- Neutralizes Acids
- Contains an octane booster
- Helps protect against ethanol's corrosive characteristics
- Prevents moisture/water problems

**BestLine "Diesel Engine Treatment":**

BestLine's full synthetic "Diesel Engine Treatment" is to be used in the same manner as and to provide all the same benefits as the "Engine Treatment", except it is designed for use in diesel engines.



## **BestLine “Diesel Fuel Treatment”:**

The BestLine Diesel Fuel Treatment, also registered with the EPA, is a fuel additive that is a complex blend of components designed to increase the lubricity and improve combustion of diesel fuels. The BestLine Diesel Fuel Treatment will improve the fuel’s lubricity, coating all metal surfaces throughout the fuel system and upper engine with a protective layer of oil, reducing *friction* and *wear*. It will coat the entire top-end (injectors and valves) with a positively (+) charged ionic oil barrier, preventing the build-up of carbon, breakdown gums and varnish, and lubricate the fuel pump for maximum efficiency. The use of the product is critical when using Ultra Low Sulfur Diesel fuel. According to the ASTM HFRR test, wear was reduced by more than 25% below what is deemed acceptable, using only a concentration of two ounces with each ten gallons of fuel. Regular use of the BestLine ULSD Diesel Fuel Conditioner improves overall efficiency of the fuel system.

The Diesel Fuel Treatment also contains a cold-flow improver to protect the fuel in cold weather. It also helps solve problems related to moisture in the fuel, and the product contains an algaecide/biocide to prevent the growth of algae when the fuel is stored (such as with emergency generators, non-commercial marine applications, etc.).

### **Applications of this product include:**

- Trucks
- Automotive
- Commercial and Construction Equipment
- Marine Engines
- Railroad Engines
- Two and Four Cycled Engines

### **Benefits:**

- Maximizes Mileage and Performance
- Reduces Pre-Ignition on Diesel Engines
- Lubricates Top End
- Reduces Carbon and Gum Build-Up
- Absorbs Moisture
- Prevents Freeze-Up
- Cleans Injectors
- Increase Efficiency
- Neutralizes Acids
- Contains a Cetane Booster
- Contains Anti-gel for cold weather applications
- Prevents the growth of Algae
- Lubricates the Pumps and Injectors

### **BestLine “Power Train Lubricant”:**

Also with BestLine’s exclusive Micro Lubrication Technology, the Power Train Lubricant will provide the same benefits as the Engine Treatment, but for the transmission, power steering, differential and water pump.

### **BestLine’s Full Synthetic Penetrant/Lubricant, “MLT-101”:**

MLT-101 is a superior penetrating lubricant using BestLine’s Micro Lubrication Technology (MLT™). The company has 3 full synthetic penetrating lubricant formulations: (i) household and shop as “No-Skweek,” (ii) industrial as “MLT-101,” and, (iii) marine (high moisture) as “Sea-Spray.”

The BestLine Penetrating Lubricant is a blended formula that contains the unique MLT™ Formulations. This product has no known competition in the world wherever rust, corrosion, or drag is a factor. BestLine Penetrating Lubricant not only penetrates through extreme rust and corrosion, it also treats the metal surface with a polarized layer of oil molecules that reduce friction, wear and retards future corrosion. Use of this product provides for long lasting, smooth operation of any metal mechanism. The application and benefit range far exceeds any other known product. BestLine Penetrating Lubricant can be packaged using environmentally friendly spray containers and propellants.

#### **Applications of this product include:**

- Valves and Chains
- Drill Bits and Taps
- Rusty Bolts and Screws
- Electric and Air Tools
- Electrical Contacts
- 1001 Industrial Applications

#### **Benefits:**

- Fast Penetration
- Breaks Down Rust and Corrosion
- Lubricates as it Penetrates
- Cleans and Retards Electrical Corrosion
- Resistant to Most Acids and Caustics
- Cutting Edges Stay Sharper Longer
- Reduces Noise
- Cost Effective
- Prevents Rust and Corrosion (Battery Terminals, Electrical Tools and Motors)
- Possesses extremely high di-electric strength

BestLine's Micro Lubrication Technology (MLT)<sup>TM</sup> products are technologically superior to any known lubrication products in the commercial market.

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