



# BESTLINE PRODUCT PERFORMANCE DATA SUMMARY

**PROTECT YOUR EQUIPMENT, BUSINESS, CUSTOMERS**

## 1. Patented Latest Generation Products:

- Results of more than 25 years tribology research; National and International patents

## 2. Independent Laboratory Testing & Approvals:

- South West Research Institute & Intertek Automotive Research labs, San Antonio TX tested base lubricant with 10W30 oil to American Society of Testing & Materials (ASTM) requirements.
- Base oil licensed by American Petroleum Institute (API); Approved by American Chemistry Council.

## 3. Micro Lubrication Technology (MLT):

- Uses a Group III base oil, blended with Group IV Poly Alpha Olefin (PAO) oil to create proprietary patented synthetic base for all BestLine products.
- **Biodegradable base oils with low eco-toxicity** (ISO-15380-lubricants & hydraulic fluids).
- Forms thin film, ionic bond including adsorption into bearing metal surfaces reducing metal to metal contact under extreme pressures during cold, heat and start up conditions.
- Improves extreme pressure lubricity of all oils in engine, power-train/transmission and gears; extends oil change protection; reduces corrosion; helps lube engine through temporary loss of oil or coolant.



## 4. Engine Oil (Diesel & Gasoline) and Power-Train Hydraulic Oil Treatment Products:

- Lubricant Tests Results (average) when added to 10W30 oil on diesel test engines:

**Reduces: friction (17%), temperature (25%), wear (47%), fuel consumption: >1%.**

## 5. Diesel and Gasoline Fuel Treatment Products:

- Boosts cetane (diesel) and octane (gasoline) ratings to compensate energy reduction from ethanol (E10-10% volume) and winter #1 diesel (kerosene blend); Compatible with most fuels including E85
- Reduces diesel carbon soot emissions (approx 10%), hull exhaust streaking & NOx (3%).
- **Reduces Fuel Consumption: typically >3% (>8% in heavy duty diesels at full load)**
- Lubricates and cleans fuel injectors, injection pumps and upper cylinders using ultra low sulphur (ULS) diesel, gasoline, jet and ethanol fuels; increases maintenance intervals and reliability.
- Reduces corrosion in fuel system (tanks, lines, injectors) with moisture absorbing additives.
- Diesel treatment reduces winter cold pour point (approx. <-40deg C). Biocide to minimize bacteria.

## 6. Penetrants: -3 Grades- No-Skweek ( Household), MLT101 (Industrial), Sea-Spray (Marine),

- Quickly penetrate rust and corrosion and assists in surface cleaning.
- Lubricate and protect material surfaces from further corrosion (due to air and moisture).
- Provides a non-stick barrier or release agent to many materials.
- Sea-Spray product provides improved corrosion protection from salt water exposure.

## 7. Applications: Agriculture, Automotive, Buses, Construction, Fleets, Marine, Trains, Trucks,

## 8. Typical Packaging: 6oz/170g aerosol, 16oz/473ml, 12oz/355ml, 1 gal/3.78L, 5 gal/20L, 55gal/208L

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