



Product Specification and Technical Data

PRODUCT: BG Biodiesel Fuel Conditioner

PART NO.: 240

| TEST DATA: | Test | ASTM Test Method | Typical Test Results |
|------------|--|------------------|----------------------|
| | API Gravity @ 15.6°C (60°F) | D 287 | 23.2 |
| | Specific Gravity @ 15.6°C (60°F) | D 1298 | 0.9148 |
| | Density, U.S. lbs./gal. @ 15.6°C (60°F) | D 1250 | 7.627 |
| | Flash Point, PMCC | D 93 | 42°C (107°F) |
| | Solubility in Water | Visual | Insoluble |
| | Pour Point | D 97 | -15°C (4°F) |
| | Base Fuel, CFPP | IP 309 | -12°C (9°F) |
| | BG 240 Treated Base Fuel (1:1000), CFPP | IP 309 | -22°C (-8°F) |
| | Color | D 1500 | 2.0 |
| | Color | Visual | Amber |
| | Sulfur | D 7039 | <15 ppm |

PROBLEM: With biodiesel increasing in use as an alternative energy fuel, it is important to be aware of and to address its performance deficiencies. Biodiesel needs to be chemically treated to correct these deficiencies and maintain acceptable performance as a fuel. For example, biodiesel has a high affinity for moisture, which can contribute to fuel degradation, component damage and microbial growth. Water contamination in biodiesel will reduce the heat of combustion. This contributes to lower efficiency, more exhaust smoke, harder starting and less power. In moderate to cold temperatures biodiesel will solidify, thus plugging fuel filters and pumps. All these problems in part or as a whole can lead to catastrophic fuel system failure.

SOLUTION: BG Biodiesel Fuel Conditioner is a multi-functional fuel supplement formulated to improve all aspects of biodiesel quality.

It will stabilize and protect biodiesel in storage. It provides unsurpassed protection against moisture contamination and guards against corrosion. It reduces the risk of fuel gelling, so that cold temperature performance is greatly improved. It contains no alcohol and is safe for common rail and direct injected engines. This diesel fuel additive complies with the Federal low-sulfur content requirements for use in diesel motor vehicles. Suitable for use with all types of biodiesel fuel. Catalytic converter, diesel particulate filter and oxygen sensor safe.

- BENEFITS:**
- Helps clean the entire fuel system
 - Controls fuel-related deposits
 - Prevents injector fouling
 - Stabilizes fuel in storage
 - Soluble in all diesel fuels
 - Improves fuel combustion and restores engine power
 - Promotes moisture separation
 - Reduces exhaust smoke
 - Lowers cold filter plugging point (CFPP) in biodiesel blends up to B20
 - EPA registered fuel additive

- Contains no alcohol
- Protects against fuel icing
- Extends injector life
- Reduces risk of fuel gelling
- Protects fuel system components and lines against rust and corrosion
- Contains no metallic ash producing materials
- Neutralizes harmful metallic contaminants

USAGE: 1 quart (946 mL) of BG Biodiesel Fuel Conditioner to 250 gallons (950 Liters) of fuel or 1 gallon (4 Liters) of BG Biodiesel Fuel Conditioner to 1,000 gallons (3,800 Liters) of fuel. For maximum results, treat fuel before temperature drops below freezing. Do not store at temperatures below 10°F (-12°C).

BG Products, Inc., accepts no liability for excessive use or misuse of this product.