



## Product Specification and Technical Data

**PRODUCT: BG All Weather DFC with Lubricity**

**PART NO.: 247**

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	.36.6
	Specific Gravity @ 15.6°C (60°F)	D 1298	.0.8418
	Density,		
	U.S. lbs./gal. (kg/ L) @ 15.6°C (60°F)	D 1250	7.018
	Flash Point, PMCC	D 93	46°C (114°F)
	Solubility in Water	Visual	Insoluble
	Viscosity, cSt @ 40°C (104°F)	D 445	4.16
	Pour Point	D 97	-15°C (5°F)
	Average CFPP response	IP 309	10°C (18°F)
	Color	D 1500	L1.0
	Color	Visual	Amber
	Sulfur	D 7039	<15 ppm

**PROBLEM:** Wide-ranging quality of diesel fuels causes a host of engine-related problems. These range from excessive smoke, gelled fuel, hard-starting in the wintertime, and diesel injector failure or misfire. Partially clogged injector nozzles cause poor combustion, black smoke and loss of power.

Likewise, ULSD (Ultra Low Sulfur Diesel) does not contain sufficient lubricity to protect fuel components and can actually promote fuel injector and fuel pump wear. Either of which may result in failure of fuel system components.

**SOLUTION:** BG All Weather DFC with Lubricity is a premier diesel fuel conditioner capable of solving all these problems. Ingredients in BG DFC work quickly to clean the entire fuel system, prevent corrosion damage, and protect vital engine components. BG DFC reduces exhaust smoke and restores fuel economy and engine performance.

BG DFC contains BG Diesel Pump Lubricant, which provides optimum film strength to fuel to prevent fuel injector and pump parts from scoring or seizing. Special pour depressant additives isolate natural-occurring fuel waxes to prevent cold temperature fuel gelling and filter clogging. This diesel fuel additive complies with the Federal low-sulfur content requirements for use in diesel motor vehicles. Catalytic converter, diesel particulate filter and oxygen sensor safe.

- BENEFITS:**
- Stabilizes fuel in storage
  - Reduces exhaust smoking
  - Prevents cold temperature fuel gelling
  - Contains no alcohol
  - Increases lubricity of ULSD fuel
  - Prevents formation of gums and varnishes
  - Eliminates injector sticking and nozzle fouling
  - Improves combustion, power and fuel economy
  - Helps clean entire fuel system from tank to tailpipe
  - Prevents fuel injector/pump wear

**USAGE:** Add to each tank of fuel. One 6 ounce (177 mL) bottle treats 10-40 gallons (40-150 Liters) of diesel fuel.

**NOTE:** In cold weather, fuel must be treated at temperatures above the cloud point of the fuel. If fuel has already gelled, it cannot be effectively treated.

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