



Product Specification and Technical Data

PRODUCT: **BG DFC Plus**
Diesel Fuel Conditioner Plus

PART NO.: **230**

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	22.3
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.9199
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	7.669
	Flash Point, PMCC	D 93	41°C (106°F)
	Solubility in Water	Visual	Insoluble
	Pour Point	D 97	-9°C (15°F)
	Base Fuel, CFPP	IP 309	-11°C (12°F)
	After treating Base Fuel (1:1000), CFPP	IP 309	-31°C (-24°F)
	Color	D 1500	3.0
	Color	Visual	Amber
	Sulfur	D 7039	<15 ppm

PROBLEM: For a variety of reasons, diesel fuel degrades fairly rapidly and will oxidize when stored for only a short time. This causes gums and varnish to form in the fuel system causing fouled injector nozzles and sticking fuel injection components. The result is excessive exhaust smoke and a loss of power. Cold weather creates special problems with diesel engines. As the temperature drops, wax crystals begin to form in No. 2 diesel fuel. These wax crystals grow together forming a lattice network which prevents fuel from flowing.

SOLUTION: BG DFC Plus is a multi-functional additive and contains no alcohol. It will remove deposits from the fuel system and prevent their reforming. It provides the necessary film strength and lubricity to low-sulfur diesel fuel to prevent fuel injection pump parts from scoring or seizing. It contains wax crystal modifiers to isolate tiny wax crystals as they are formed and prevent their growing together. 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:**
- Cleans the entire fuel system
 - Controls engine deposit formation
 - Eliminates nozzle fouling
 - Stabilizes fuel in storage
 - Soluble in all diesel fuels
 - Protects against rust and corrosion
 - Extends injector life
 - Improves engine combustion and power
 - Helps correct injector plunger sticking and nozzle fouling
 - Reduces exhaust smoke caused by dirty fuel system
 - Lowers the cold filter plugging point by an average of 18°F (10°C)
 - Depresses the pour point by 30°F (17°C)
 - Contains no metallic ash producing materials
 - Keeps diesel fuel from gelling in cold weather

USAGE: 1 quart (946 mL) of BG DFC Plus to 250 gallons (950 Liters) or 1 gallon (4 Liters) 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 20°F (-7°C)

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