



## Product Specification and Technical Data

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

**PART NO.:** **230**

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	22.2
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.9205
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	7.674
	Flash Point, PMCC	D 93	58°C (136°F)
	Pour Point	D 97	-21°C (-5°F)
	Base Fuel, CFPP	IP 309	-11°C (12°F)
	After treating Base Fuel (1:1000), CFPP	IP 309	-28°C (-18°F)
	Color	D 1500	L3.5
	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.

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 DFC PLUS diesel fuel conditioner keeps fuel system components and injectors clean, prevents fuel gelling, corrects nozzle fouling, reduces exhaust smoke and protects engine parts against rust and corrosion. It contains a lubricity agent for protection against low-sulfur diesel fuel. DFC Plus prevents entrained moisture from icing. It mixes readily with all diesel fuels and is an excellent fuel storage stabilizer. 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. Contains no alcohol.

**USAGE:** Add to each tank of fuel. One quart (946 mL) of BG DFC Plus treats 250 gallons (950 Liters) or 1 gallon (4 Liters) BG DFC Plus treats 1,000 gallons (3,800 Liters) of fuel. For maximum results, treat fuel before temperature drops below freezing. Do not store at temperatures below -5°F (-21°C)

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