



Product Specification and Technical Data

PRODUCT: **BG DFC Plus for Winter**

Winter Blend Diesel Fuel Conditioner

PART NO.: 236

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	19.3
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.9382
	Density,		
	U.S. lbs./gal. (kg/L) @ 15.6°C (60°F)	D 1250	7.822
	Solubility in water	Visual	Insoluble
	Flash Point, PMCC	D 93	72°C (161°F)
	Base Fuel Cold Flow Plugging Point	IP 309	-9°C (16°F)
	After Treating Base Fuel with BG 236,		
	Cold Flow Plugging Point	IP 309	-19°C (-2°F)
	Color	D 1500	2.5
	Color	Visual	Amber
	Sulfur	D 7039	<15 ppm

PROBLEM: Today's diesel fuels vary widely in quality. Many diesel fuels degrade fairly rapidly and can oxidize when stored for only a short time causing gums and varnish to form. These residues can foul injectors, increase pintle sticking, plug fuel filters and can degrade fuel combustion. Poor fuel performance can result. Excessive exhaust smoke, and loss of power may be signs of these deposits. At cold-depressed temperatures paraffin crystals begin to form, which can plug fuel filters and pump strainers.

SOLUTION: BG DFC Plus for Winter is a highly effective, multi-functional diesel fuel fortifier. It is formulated especially for cold weather and wet, high cloud fuel. It contains special wax dispersants and de-icing additives which lower the pour point of the fuel by an average of 30°F (-1°C). It will remove deposits from the fuel system and prevent their re-forming. It has premium detergents that rate as "Superior" or "Pass" in Cummins L-10 Engine tests. It provides the necessary film strength and lubricity when used in low-sulfur diesel fuel to prevent fuel injection pump parts from scoring. It contains wax crystal modifiers and pour point depressants to prevent fuel gelling. It contains a highly-effective cetane booster to improve starting performance. This diesel fuel additive complies with the Federal low-sulfur content requirements for use in diesel motor vehicles. Catalytic converter and oxygen sensor safe.

- BENEFITS:**
- Cleans the entire fuel system
 - Contains cetane improver
 - Adds lubricity to protect pumps
 - Eliminates injector plunger sticking
 - Eliminates injector nozzle fouling
 - Extends injector life
 - Stabilizes fuel in storage
 - Is soluble in all diesel fuels
 - Lowers the cold filter plugging point by an average of 20°F (-7°C)
 - Improves power, decreases emissions and exhaust smoke
 - Protects fuel system components from rust and corrosion
 - Contains no alcohol or metallic ash producing materials
 - Controls engine deposit formation
 - Prevents wet fuel from icing and improves starting

USAGE: 1 quart (1 Liter) of BG DFC Plus for Winter to 250 gallons (950 Liters) or 1 gallon (4 Liters) to 1,000 gallons (3,800 Liters) of fuel.

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