



Product Specification and Technical Data

PRODUCT: BG 248
Maximum Diesel Performance

PART NO.: 248

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	30.1
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.8756
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	7.3
	Flash Point, PMCC	D 93	49°C (120°F)
	Solubility in Water	Visual	Insoluble
	Viscosity, cSt @ 40°C (104°F)	D 445	3.62
	Pour Point	D 97	-29°C (-20°F)
	Color	D 1500	3.5
	Sulfur	D 7039	<15 ppm

PROBLEM: Because of varying quality of diesel fuel, the operators of diesel vehicles are subjected to a variety of problems ranging from excessive smoke to gelled fuel in the wintertime. When injector nozzles become partially clogged, the fuel is not properly atomized resulting in insufficient combustion of the fuel, excessive exhaust smoking and loss of power. Cetane is a measurement of the ignition quality of diesel fuel, and it is critical to diesel engine operation. Ultra low sulfur diesel fuel, which is required by law to reduce emissions, does not contain sufficient lubricity and can actually damage pumps in some diesel engines.

SOLUTION: BG 248 is a diesel fuel conditioner which is capable of solving these problems and increasing an operator's flexibility of choice of available fuel. Ingredients in BG 248 work quickly to clean the entire fuel system. Because of its quick cleaning action, BG 248 reduces exhaust smoke and restores fuel economy and engine performance.

BG 248 contains BG Diesel Pump Lubricant which provides the necessary film strength and lubricity to prevent pump parts from scoring or seizing. Contains Cetane Improver to raise the cetane number of commercial No. 2 diesel fuels (3–7 cetane units) assuring the user of many performance benefits. BG 248 contains special Pour Depressant Additives which isolate wax crystals as they are formed and prevent their growing together to gel the diesel fuel. This keeps most No. 2 diesel fuel flowing at cold temperatures. 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
 - Improves fuel economy
 - Raises cetane
 - Contains no alcohol
 - Cleans entire fuel system
 - Prevents formation of gums and varnishes
 - Eliminates injector plunger sticking and nozzle fouling
 - Improves combustion and power
 - Increases lubricity of ultra low sulfur fuel
 - Prevents wintertime fuel gelling
 - Provides smoother, quieter operation

USAGE: Add to each tank of fuel. One 11 ounce (325 mL) can treats up to 30 gallons (114 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.