



## Product Specification and Technical Data

### PRODUCT: **BG Diesel Fuel Pour Depressant**

PART NO.: 215

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	22.9
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.9165
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	7.641
	Flash Point, PMCC	D 93	61°C (141°F)
	Pour Point	D 97	-7°C (20°F)
	Color	1500	3.5
	Sulfur	D 7039	<15 ppm
	CFPP, response untreated base fuel	IP 309	-29°C (-20°F)
	CFPP, response BG 215 treated base fuel	IP 309	-43°C (-45°F)

**PROBLEM:** Cold weather creates special problems for operators of diesel powered vehicles. Paraffin wax found in No. 2 diesel fuel crystallizes when operating temperatures approach the cloud point of the fuel. These wax crystals can block fuel lines and fuel filters thereby creating cold weather operating problems.

**SOLUTION:** BG Diesel Fuel Pour Depressant modifies the wax crystal structure, reducing crystal size and allowing the diesel fuel to flow more readily without the blockage of fuel lines and filters. BG Diesel Fuel Pour Depressant is an organic polymer which provides fuel pumpability in cold weather conditions without altering other diesel fuel properties. It provides excellent fuel pumpability to -20°F (-29°C) and depresses the pour point to -30°F (-34°C). It can virtually eliminate cold weather diesel operation problems. 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:**
- Reduces wax crystal formation size
  - Lowers the pour point of the fuel by an average of 30°F (17°C)
  - Lowers the cold filter plugging point by an average of 18°F (10°C)
  - Contains no metallic ash producing materials nor alcohol
  - Complies with all sulfur requirements for ULSD (Ultra Low Sulfur Diesel)

**USAGE:** For best results, add to the fuel at temperatures 10°F (6°C) to 40°F (22°C) above the cloud temperature of the fuel being used (cloud temperature of a fuel is the temperature at which the paraffin wax begins to form crystals). Add BG Diesel Fuel Pour Depressant at the ratio of 1 quart (946 mL) to 500 gallons (1,900 Liters) of No. 2 diesel fuel. One gallon (4 Liters) of BG Diesel Fuel Pour Depressant treats 2,000 gallons (7,500 Liters) of diesel fuel. Treat ratio is 1 ounce : 16 gallons (30 mL : 60 Liters). This product must be stored at temperatures above 45°F (7°C).

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