



Performance Specialties

Legal Diesel™ Fuel Additive 9000 HE

9000 HE is a multifunctional middle distillate fuel additive. It functions as a wax modifier to improve low temperature operability of diesel fuel.

Innospec Fuel Specialties is the only manufacturing company solely focused on fuel and fuel additive technology.

9000 HE provides the following performance benefits:

- Lowers Cold Filter Plugging Point
- Lowers Pour Point
- Prevents fuel gelling in low temperatures
- Disperses wax during extended engine shutdowns in cold climates
- Inhibits fuel filter icing
- Water dispersant to help safely remove water on a gradual basis

Addition

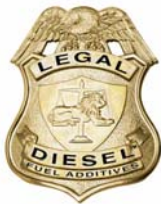
9000 HE may be continuously or batch blended into diesel fuel as a concentrate or as a stock solution. Proper blending and handling procedures must be followed due to the nature of all low temperature operability additives. Blend the additive with the fuel at temperatures at least 10°F above the cloud point of the fuel. Ensure the additive is at or above minimum handling temperatures to avoid potential performance issues. Verify that the additive is completely dissolved into the fuel.

Material Compatibility

9000 HE is compatible with the following materials of construction: mild steel, 304 stainless steel, 316 stainless steel, Teflon, and Viton. Do not use with ethylene, propylene, neoprene, Buna-N, or natural rubber. Copper, brass, or bronze (yellow metals) should not be used with neat additive.

Personal Safety, First Aid and Storage and Handling

See the Material Safety Data Sheet for product specific information.



40CFR80.591 Compliance Statement:

The sulfur content of this diesel fuel additive does not exceed 15 ppm. This is a LEGAL DIESEL™ Fuel Additive Product.

Typical Properties

Appearance	amber liquid
Specific Gravity, 60/60°F (15.6/15.6°C)	0.900
Density, lb./gal, 60°F, (15.6°C)	7.50
Flash Point, PMCC, °F (°C)	119 (48.3)
Pour Point, °F (°C)	15.8 (-9)
Viscosity, cSt @	
100°F (37.8°C)	14
68°F (20°C)	24
32°F (0°C)	56

Recommended Treat Rate

1 gallon : 3000 gallons, or 0.33 gallons : 1000 gallons, or 0.013 gallons : 40 gallons, or 333 mg/L

Registered EPA Maximum Treat Rate = 1700 mg/L

Technical Support: (302) 454-8100

Customer Service

Resource Center: (800) 441-9547