

# FUELS

## HiTEC<sup>®</sup> 4557

Specification and Distribution Additive



Cold Flow Improver for Narrow Boiling Middle Distillates

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Cold Flow Improver for Narrow Boiling Middle Distillates

### Key Performance Benefits

HiTEC® 4557 cold flow improver is formulated to give optimum performance in middle distillates such as diesel fuel and heating oil and is designed to reduce the Cold Filter Plugging Point and pour point of treated fuels.

HiTEC® 4557 has been developed to improve the low temperature properties of narrow boiling distillates and delivers the following benefits:

- Depresses fuel pour point
- Modification of wax crystals to improve flow through fuel filters
- Improves low temperature operability of the fuel

### Recommended Dosage

HiTEC® 4557 is used to allow fuel manufacturers to cost effectively meet CFPP & Pour point specifications. The CFPP specification dominates the market and the CFPP level varies by geographic region. Treat-rate may vary depending on base fuels. However, the treat-rate should be in the range of 100 to 500 ppmv. For secondary treatment we would recommend a treat-rate of 500 ppmv.

### Typical Characteristics

Appearance:	Milky white amber to white liquid
Density at 15°C, g/ml:	0.915
Flash Point, °C (PMCC):	55 min.
Pour point, °C:	15 max
Kinematic Viscosity at 50°C, mm <sup>2</sup> /s:	45

### Handling Information

Max Handling Temp: 45°C

Shelf Life: 18 months at ambient temperature

HiTEC® 4557 should be stored at a temperature of 50°C. HiTEC® 4557 should be blended with the fuel at a temperature >10°C above the cloud point of the fuel.

