

FUELS

# HiTEC<sup>®</sup> 4598

Specification and Distribution Additive



Cold Flow Improver for Narrow / Normal Boiling Middle Distillates

## HiTEC<sup>®</sup> 4598 Specification and Distribution Additive

Cold Flow Improver for Narrow / Normal Boiling Middle Distillates

### Key Performance Benefits

The low temperature treatment of middle distillates can be challenging due to the varied qualities of fuel currently seen on the market. HiTEC<sup>®</sup> 4598 additive will effectively lower the Cold Filter Plugging Point (CFPP) and the pour point of treated fuels. HiTEC<sup>®</sup> 4598 cold flow improver is formulated to give optimum performance to allow you consistently and economically meet your target specification.

HiTEC<sup>®</sup> 4598 will deliver the following benefits:

- Depressing the pour point leading to reduced blockage in pipes and storage vessels
- Modification of wax crystals allowing improved flow through filters
- Improved low temperature operability by lowering the CFPP of treated fuel

### Recommended Dosage

HiTEC<sup>®</sup> 4598 additive 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 fuel. 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:	Opaque white / pale yellow liquid
Density at 15°C, g/ml:	0.896
Flash Point, °C (PMCC):	61 min.
Pour point, °C:	18 max
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s:	375

### Handling Information

Max Handling Temp: 60°C

Shelf Life: 48 months at ambient temperature in closed containers

HiTEC<sup>®</sup> 4598 additive should be stored at a temperature of 50°C.

HiTEC<sup>®</sup> 4598 additive should be blended with the fuel at a temperature >10°C above the cloud point of the fuel.

### HiTEC<sup>®</sup> 4598 Enables Your Diesel to Meet All EU CFPP Specs

