

FUELS

## HiTEC<sup>®</sup> 18905

Winter Diesel Fuel Additive



Specially Formulated for Today's Modern Diesel Engines

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### Application

HiTEC® 18905 is a multifunctional diesel fuel additive formulated to provide improved winter operability in today's diesel fuels and typical biodiesel blends. This additive boasts a proprietary blend of components that delivers superior CFPP performance, improved low temperature handling, wax antisetling performance and is formulated for adequate fluidity when stored above -5°F (-21°C). This product qualifies for the US A EPA CFR80.591A certification, meaning the product contains < 15 ppm (mg/L) sulfur.

In addition to providing cold weather performance, HiTEC® 18905 also contains the following:

- Diesel fuel detergent
- Lubricity improver
- Cetane improver
- Deicer

HiTEC® 18905 should be added to the fuel at a temperature about 10-15°F above the fuel's cloud point.

### Key Performance Benefits

- Improves low temperature operability in a wide range of fuels by lowering the CFPP (cold filter plugging point) and pour point without reducing the fuel's energy content
- Keeps engines cleaner than running on base diesel fuel
- Can improve fuel filterability to prevent premature fuel filter plugging caused by fuel contaminants
- Reduces risk of fuel line freeze-up or fuel filter icing by depressing the moisture freeze point

### Recommended Dosage

HiTEC® 18905 should be tested in targeted fuel for exact treat rate recommendations as fuels may vary by region. Typical treat rates for HiTEC® 18905 include:

- 500 ppmv (1:2000)
- 667 ppmv (1:1500)
- 1333 ppmv (1:750)

Please contact your Afton Chemical representative for specific recommendations.

### Typical Characteristics

Density, lbs/gal.	7.48
Specific Gravity @ 15.6°C	0.8992
Viscosity @ 40°C	4
Flash Point, min	104°F (40°C)

### Handling Information

Max Handling Temp: 104°F (40°C)  
Shelf Life: 24 months

