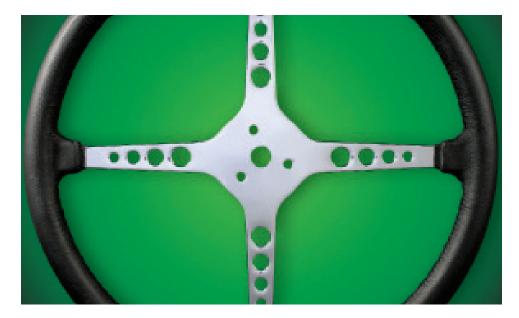
FUELS

HiTEC® 18940G Diesel Fuel Winter Performance Additive



Specially Formulated for Today's Modern Diesel Engines using ULSD and Typical Biodiesel Blends



HITEC® 18940G Diesel Fuel Winter Performance Additive

Specially Formulated for Today's Modern Diesel Engines using ULSD and Typical Biodiesel Blends

Application

....

HiTEC[®] 18940G is a multifunctional diesel fuel additive formulated to provide improved performance and winter operability in today's modern diesel engines using typical biodiesel blends. This performance additive boasts a proprietary blend of components that delivers superior CFPP performance, improved low temperature handling, excellent wax antisettling performance and is formulated for adequate fluidity when stored above -5°F (-21°C).

HiTEC[®] 18940G is built on Afton's core Greenclean[®] Detergent Technology to prevent power loss, excessive downtime and increased maintenance costs. Based on Afton's Greenclean[®] Detergent Technology, HiTEC[®] 18940G is scalable to provide complete injector cleanliness protection in addition to improved fuel filterability. This product qualifies for the US A EPA CFR80.591A certification, meaning the product contains < 15 ppm (mg/L) sulfur.

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
- Improves 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
- Scalable to clean injector deposits, both traditional "coking" deposits, and sticky internal injector deposits

Recommended Dosage

HiTEC[®] 18940G additives should be tested in targeted fuel for exact treat rate recommendations as fuels may vary by region.

Performance	Treat Rate
Improved Fuel Filter Plugging and CFPP for Winter Operability	1:3000
Optimal Keep Clean (DW-10)	1:2250
Economic Real World Keep Clean / Clean Up	1:1500
Supreme Real World Clean Up	1:750

Typical Characteristics

Density, lbs/gal.	7.58
Specific Gravity @ 15.6/15.6°C	0.9091
Viscosity @ 40°C	13.1
Flash Point, °C (C)	43 min.

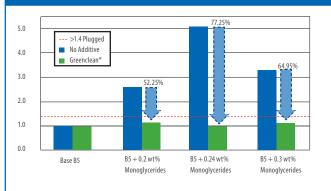
Handling Information

Max Handling Temp: 40°C Shelf Life: 24 months

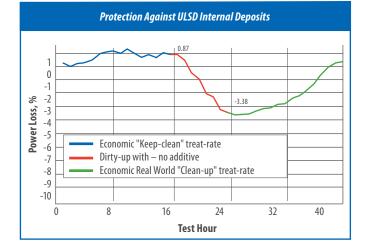
0 -5 -0 -15 -20 -25 -30 -35 0 1:3000 1:2250 1:1500 1:750 **Typical Recommended Treat Rates**

HITEC[®] 18940G CFPP Response, Average in 10 Regional Diesel Fuels

Greenclean® Performance in the Filter Blocking Tendency Test - ASTM D2068



- ASTM D6751 Limit for Total Glycerin is 0.24% in B100 - 0.24% Total Glycerin = 0.012% Total Glycerin in B5





© 2015. Afton Chemical Corporation is a wholly owned subsidiary of NewMarket Corporation (NYSE:NEU). HITEC® is a trademark of Afton Chemical Corporation. 08/15.

The information in this bulletin is, to our best knowledge, sure and accurate, but all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Afton Chemical Corporation and its affiliates disclaim any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.