

FUELS

HiTEC[®] 4142

Diesel Fuel Lubricity Additive



Lubricity Improver Additive for Ultra Low Sulfur Diesel Fuels

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Application

HiTEC® 4142 mono-acidic lubricity improver additive is designed to improve the lubricity of ultra low sulfur diesel fuels and provide cost effective solutions to ASTM D975 compliance.

Key Performance Benefits

- Proven HFRR performance in a variety of fuels
- Low sulfur content (<15 ppm) minimizes impact on ULSD
- Excellent low temperature stability and handling
- Enhanced corrosion protection
- Compatible and completely miscible with commonly used diesel fuel additives
- Demonstrated no-harm performance:
 - Compatible with lubricants
 - Will not cause fuel filter plugging
 - No impact on water shedding, corrosion, thermal stability, cloud point or fuel conductivity

Recommended Dosage

HiTEC® 4142 is suitable for use as blend components or stand alone additives. Recommended dosages are between 75-125 ppmv, depending on the severity of the base fuel. Please contact your Afton Chemical representative for specific recommendations.

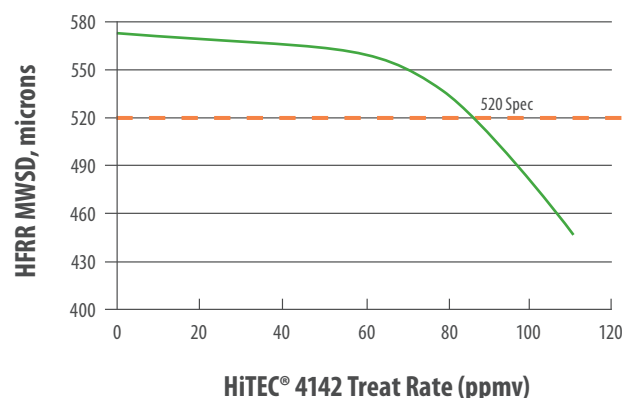
Typical Characteristics

Appearance	Clear light amber liquid
Density, lbs/gal.	7.53
Viscosity @ 40°C, cSt	11
Flash Point, °C (PMCC)	50 min.
Specific Gravity @ 15.6/15.6° C	0.9015
Acid Value, mgKOH/g	130
Sulfur, ppm	<15

Handling Information

Max Handling Temp: 45°C
Shelf Life: 48 months

HiTEC® 4142 Lubricity Response
Average in 3 Regional Diesel Fuels



Competing Additive

HiTEC® 4142



Appearance @ -20° C