

FUELS

HiTEC[®] 4103W

Refinery and Distribution Additive



Cetane Improver for Diesel Fuels

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Key Performance Benefits

Afton has 50 years of innovation in supplying Cetane improvers, resulting in HiTEC® 4103W finished fuels additive, our third generation solution for diesel fuels.

HiTEC® 4103W additive delivers an increase in Cetane number to your diesel fuel, providing an economic route to meeting specifications and a platform for creating premium fuels.

HiTEC® 4103W additive improves combustion by reducing the ignition delay period resulting in:

- Easier cold starting & reduction in white smoke
- Emission reductions
- Reduced noise
- Improved fuel economy

Recommended Dosage

The cetane number of your base fuel will dictate the treat-rate of HiTEC® 4103W additive. Based on EN590 specification fuel, a treat-rate of approximately 300 ppmv will provide two Cetane numbers. Please contact your Afton Chemical representative for specific recommendations.

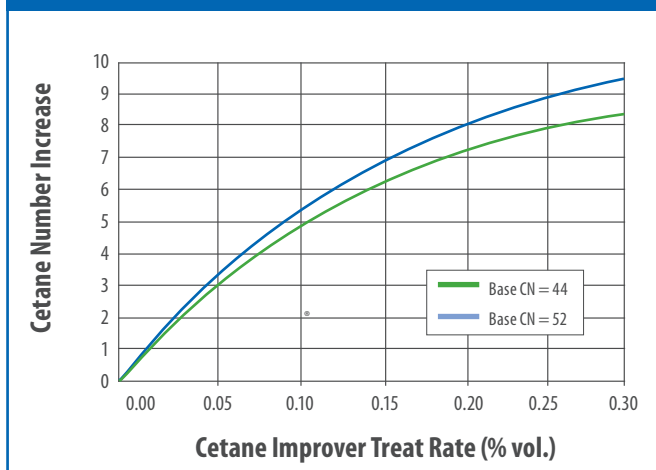
Typical Characteristics

Appearance:	Clear white to pale yellow liquid
Density at 15°C, g/ml:	0.968
Density, lbs/gal:	8.06
Specific Gravity at 20/20°C:	0.965
Flash Point, °C (PMCC):	65 min.
Kinematic Viscosity at 40°C, mm ² /s:	1.2
Kinematic Viscosity at -20°C, mm ² /s:	5.3

Handling Information

Max Handling Temp: 70°C
Shelf Life: 120 months

HiTEC® 4103W Average Cetane Response - High Sulfur Fuels



Increased Cetane Number = Reduced Emissions

