

# FUELS

## HiTEC<sup>®</sup> 3062

Fuel Additive



Octane Improver and Emissions Reducer for Unleaded Gasoline



## HiTEC® 3062 Fuel Additive

Octane Improver and Emissions Reducer for Unleaded Gasoline

### Key Performance Benefits

HiTEC® 3062 octane improver utilises Afton's patented *mmt*® to allow refiners to optimise production by reducing energy consumption and refinery emissions whilst maintaining gasoline octane quality.

Use of HiTEC® 3062 can therefore also increase gasoline pool octane quality without increased energy consumption, providing the most cost effective means to meeting specification, and marketing, octane quality requirements.

### Primary Benefits

**Improved Economics** - Use of *mmt*® in very small amounts (one drop per litre gasoline) increases octane in an environmentally friendly and cost effective manner, allowing for optimum gasoline blending and production, increased refinery flexibility and reduced need for component storage

**Reduced Energy Consumption** - Allows refiners to lower unit operation severity, resulting in lower crude consumption, extension of gasoline pool and improved refinery efficiency

**Sustainable Environment** - Reduces emissions of greenhouse gases at the refinery and allows cleaner burning fuel formulations

**Optimal Performance** - Provides wear protection for older vehicles and maintains modern vehicle emissions systems at optimum performance.

**Globally Approved** - HiTEC® 3062 series of *mmt*® is the only manganese fuel additive to fulfil US EPA requirements and China MEP requirements. Afton is the only registrant of *mmt*® under the EU REACH legislation.

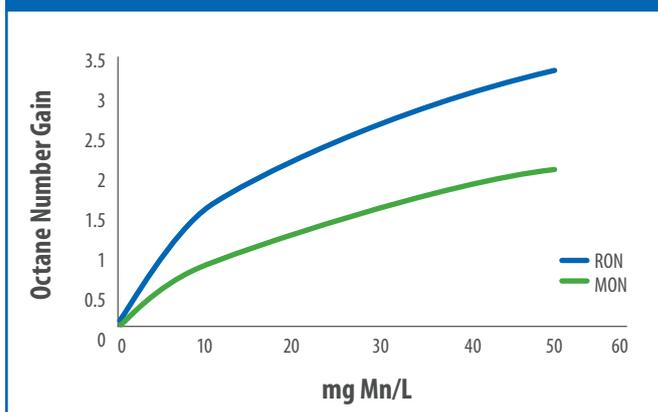
### Recommended Dosage

Typical treat rates range from 8 mg Mn/litre to 18 mg Mn/litre although in specific markets higher levels are often can be employed for maximum octane improvement. Treat-rates may vary depending on base fuels.

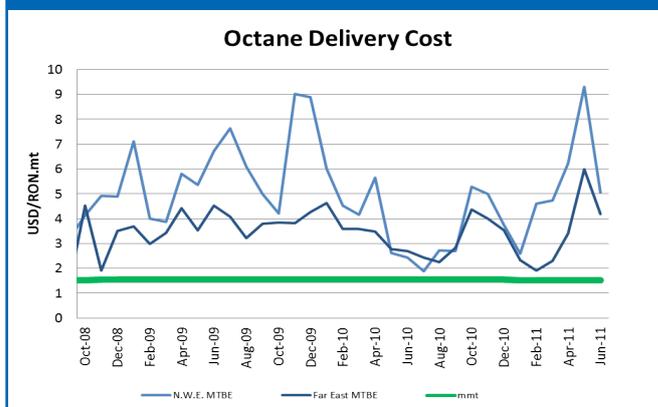
### Handling Information

Max Handling Temp: 55°C  
Shelf Life: 120 months

### A Small Amount of HiTEC® 3062 Provides a Boost in Octane



### HiTEC® 3062 The Most Economic Route to Octane



### Typical Characteristics

Appearance:	Light to dark clear amber liquid
Density at 20°C, g/cm <sup>3</sup> :	1.15
Density, lbs/gal:	9.58
Specific Gravity at 15.6/15.6°C:	1.15
Flash Point, °C (PMCC):	62 min.
Freeze Point, °C:	-18
Kinematic Viscosity at 20°C, mm <sup>2</sup> /s:	2.2
Vapour Pressure at 20°C, mm Hg:	0.19
Manganese, % wt:	15.1 min.