

FUELS

## HiTEC<sup>®</sup> 4691

Diesel Performance Additive



Optimal Performance Solution for Today's Diesel Engines

 **Afton<sup>®</sup>**  
CHEMICAL  
Passion for Solutions<sup>®</sup>

# HiTEC® 4691 Diesel Performance Additive

Optimal Performance Solution for Today's Diesel Engines



## Key Performance Benefits

HiTEC® 4691 diesel performance additive delivers our most advanced Greenclean™ detergent technology, designed to give improved injector deposit control in both conventional and modern diesel vehicles. Greenclean™ detergent technology has proven “Keep-clean” and “Clean-up” performance for both types of diesel injector deposits impacting vehicles today:

1. Traditional Coking Deposits
2. ULSD Internal Deposits

The injectors are kept clean and free from deposits resulting in:

- Increased fuel economy
- Improved power and acceleration
- Reduced emissions
- Enhanced engine life
- Optimal performance in industry tests
  - DW-10 < 2% power loss
  - XUD-9 < 50% flow loss

Other benefits include:

- Excellent corrosion protection
- Superb anti-foam performance in biodiesel blends

## Recommended Dosage

Depending on your performance needs the treat-rate of HiTEC® 4691 additive can be modified to achieve the performance tier that you are targeting, from Optimal “Keep-clean” up to Supreme “Clean-up”. Treat-rates may vary depending on base fuels.

Performance	Treat Rate
Optimal “Keep-clean”	250 ppmv
Economic “Clean-up”	375 ppmv
Supreme “Clean-up”	750 ppmv

## Typical Characteristics

Appearance:	Clear brown liquid
Density at 15°C, g/ml:	0.908
Flash point, PMCC, °C:	56 min
Kinematic viscosity at 40°C, mm <sup>2</sup> /s:	6.5
Kinematic viscosity at -20°C, mm <sup>2</sup> /s:	43.41

## Handling Information

Max Handling Temp: Ambient temperature  
Shelf Life: 36 months at ambient temperature

