

# BIOBOR<sup>®</sup> DC Plus<sup>+</sup> CETANE

## SUMMER BLEND DIESEL CONDITIONER

**Biobor DC+Cetane** is a multifunctional **warm-weather diesel fuel conditioner** to enhance the stability and operability of ultra-low sulfur diesel fuels. Components of **Biobor DC+Cetane** will provide increased cetane, exceptional fuel stability, added lubricity, detergency and water control. With continued use, **Biobor DC+Cetane** enhances the performance and life of diesel fuels while protecting and cleaning vital engine components, maintaining fuel economy and reducing emissions.

- + Cetane**
  - Raises cetane levels to improve the egnition quality of fuel.**
    - Improves fuel economy and cold starting
    - Reduces exhaust emissions and smoking, especially yNO<sub>x</sub>
- + Fuel Stability**
  - Contains an ashless thermal stability additive formulated to prevent the degradation of mid-distillate fuels.**
    - Prevents problems associated with asphaltenes and sludge formation
    - Decreases fuel filter plugging and extends storage periods
- + Lubricity**
  - Adds vital fuel lubricity increasing the lubrication properties of ULSD.**
    - Protects fuel injectors and fuel pumps
    - Extends the life and prevents pre-mature wear of close tolerance componants
- + Detergent**
  - A multifunctional additive package to improve fuel quality and engine operation by cleaning injectors and particulates.**
    - Keeps injectors clean - prevents injector stickeing and plugging
    - Improves fuel economy and restores power
    - Reduces emissions and smoke
    - Reduces power loss
    - Prevents HP CR Injection issues - IDID and asphaltenes
    - Meets Cummins L-10 performance requirements for detergency
    - Achieves Peugeot DW-10 Injector Coking Test - Keep Clean rating
- + Controls Water and Corrosion**
  - Prevents water-related issues and corrosion.**
    - Disperses moisture and prevents water accumulation
    - Helps prevent microbe growth, bacteria and fungi infestation
    - Prevents corrosion on metal components

TREAT RATE
Use at a ratio of <b>1 gallon to every 2,000 gallons</b> of diesel fuel
Ultra-low sulfur diesel compliant. Contains less than 15ppm sulfur.



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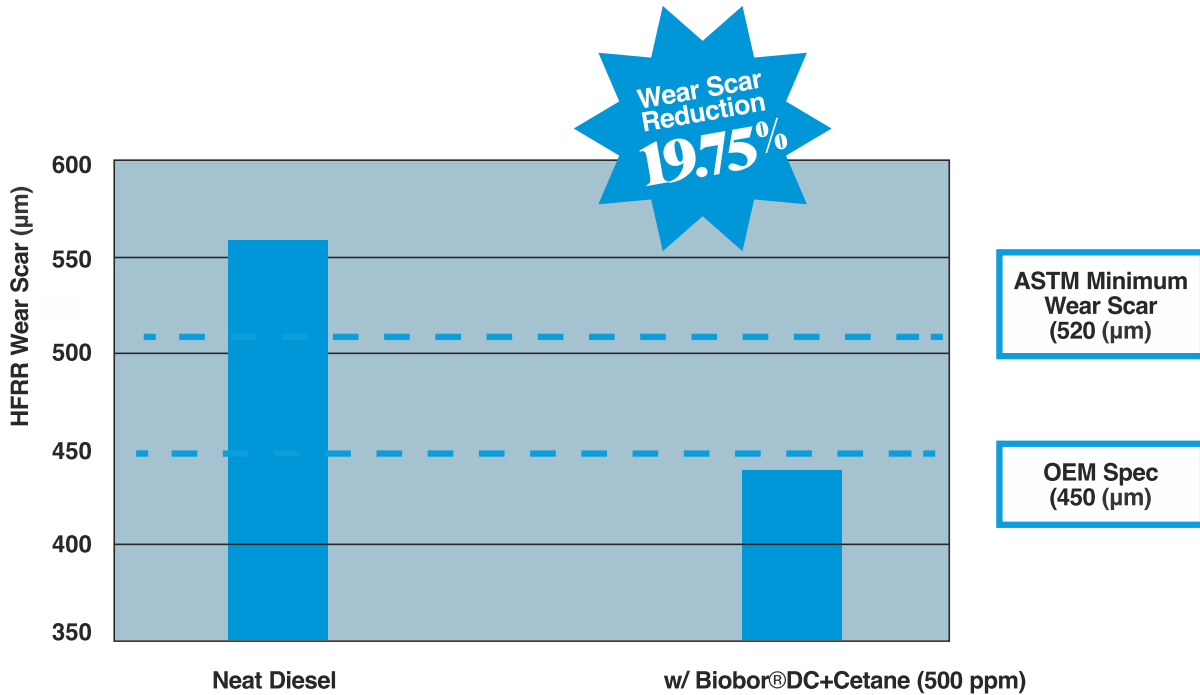
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# BIOBOR® DC Plus CETANE

## Diesel Fuel Conditioner

ASTM 6079 HFRR @ 60 C (µm) Wear Scar				
ULSD Diesel Fuel w/o any lubricity additive (sulfur content < 6.2 ppm)	Neat Diesel	Biobor®DC+Cetane @500 ppm	Wear Scar Reduction (µm)	Wear Scar Reduction (%)
	552	443	109	19.75%



- ✓ **Wear scar reduction of 19.75%**
- ✓ **Raises Cetane levels**
- ✓ **Improves engine performance and fuel economy**
- ✓ **Cleans and protects injectors**
- ✓ **Controls water and prevents corrosion**
- ✓ **Prevents filter-plugging, particulates and extends storage life**

HFA-777



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Official **BIOBOR** & **Hammonds** Agent for Sub-Saharan Africa & Indian Ocean Islands

[www.biobor.com](http://www.biobor.com)



# PREMIUM DIESEL FUEL

with...

## **BIOBOR DC<sup>®</sup> Plus** CETANE

### Improve the performance of your fuel and reduce maintenance costs!

- Raises cetane – improves economy and reduces emissions
- Cleans and lubricates injectors and fuel pumps
- Improves fuel economy and restores power up to 7.3%
- Prevents fuel filter plugging and injector deposits
- Controls water and prevents corrosion
- Lowers maintenance cost and extends component life
- Formulated for HPCR injection systems and conventional
- Improvements easily pay for the additive cost!

#### PROTECTION

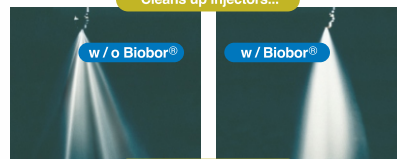
Today's ULSD presents diesel operators with a host of new challenges. High pressure injection systems and extremely tight tolerances can develop internal injection deposits robbing your engine of performance and efficiency. Asphaltenes reduce fuel filter life and a reduction in fuel lubricity can dramatically shorten the service life of injection systems and pumps. **BioborDC+Cetane<sup>®</sup>** reduces critical downtime and dramatically lowers maintenance costs.

#### IMPROVEMENT

Premium diesel fuel with **BioborDC<sup>®</sup>+Cetane** actively cleans up power-robbing deposits from injectors and fuel filters recovering lost horsepower and reducing emissions. Coupled with the cetane number boost, fleet tests prove that **fuel economy is restored by an average 7.3%** easily paying for the additive cost while reducing maintenance cost and downtime!

**7.3%** Fuel Economy  
average increase!

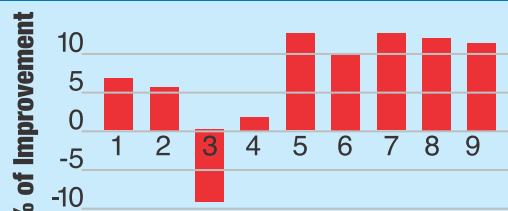
Cleans up injectors...



Prevents filter plugging...



**Nine Truck Fleet**  
Fuel Economy Field Test



HFA-748



**BENVEROY**  
• Smart Fuel Solutions •

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