



TECHNICAL DATA

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137CT CARBON TREAT

Application:

Carbon Treat is a multifunctional ultra low sulfur compliant diesel fuel additive that is formulated to prevent and control the formation asphaltenes and other unstable components that can lead to the formation of deposits that can plug fuel filters and foul injectors due to the extreme pressures and temperatures encountered in today's common rail fuel injection systems.

Although Carbon Treat is developed for new model vehicles it can be used in any diesel powered vehicle and in all types of diesel fuel including low sulfur diesel fuel and biodiesel blends

Benefits:

Carbon Treat Premium Summer contains a highly concentrated multi-functional additive package, which allows the product to provide the following performance benefits when used at the recommended treatment ratio.

1. Prevents the formation deposits that can lead to the formation of sludge and the darkening of the fuel.
2. Prevents filter plugging caused by the thermal cracking and stressing of the diesel fuel within the engine.
3. Increased thermal stability to the diesel fuel in order to provide the ability to resist thermal degradation.
4. Increased oxidative stability.
5. Detergency to provide cleanliness throughout the entire fuel system.
6. Modification of existing injector deposits, allowing for their removal and safe passage into the combustion chamber where they can be burned
7. Dispersion of insoluble gums, varnish and other unstable component present in diesel fuels
8. Prevention of the formation injector deposits.
9. Dispersion and clean up black sludge and asphaltene deposits.
10. Restoration of lost horsepower.
11. Improves and maintains power

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12. Cummins L-10 superior detergency to keep injectors clean and maintain engine performance
13. Improved combustion of the fuel by completely vaporizing the fuel into smaller particles, thus providing better fuel economy and preventing a significant loss in engine power
14. Improved fuel economy
15. Modification of existing injector deposits, allowing for their removal and safe passage into the combustion chamber where they can be burned
16. Reduced emissions exhaust smoke and particulates
17. A reduction in black smoke

Recommended Treatment Rates:

Carbon Treat can be continuously blended or batch blended into diesel fuel. Carbon Treat is formulated to treat bulk fuel tanks as well as vehicle fuel tanks.

One gallon of Carbon Treat to every 1,500 gallons of diesel fuel

0.67 gallons of Carbon Treat to every 1,000 gallons of diesel fuel

8.5 ounces Carbon Treat to every 100 gallons of diesel fuel

3.5 ounces of Carbon Treat to every 40 gallons of diesel fuel

Carbon Treat is registered and meets US EPA requirements for blending into ultra low sulfur diesel fuels. When used at the recommended treatment ratio, Carbon Treat will not cause a measurable effect on the cetane index, sulfur content or aromatic content of the fuel.

THIS DIESEL FUEL ADDITIVE CONTAINS LESS THAN 15 PPM OF SULFUR AND COMPLIES WITH THE FEDERAL LOW SULFUR CONTENT REQUIREMENTS FOR USE IN DIESEL MOTOR VEHICLES AND NON-ROAD ENGINES.

THIS DIESEL FUEL ADDITIVE IS COMPATIBLE AND APPROVED FOR USE WITH DIESEL FUELS THAT MEET ASTM D-975 AND BIODIESEL THAT MEETS ASTM D6751 AND BIODIESEL THAT MEETS EN 14214.

TYPICAL PROPERTIES

Specific Gravity @ 60°F/15°C	0.948
Density lb/gal @ 60°F/15°C	7.89
Flash Point °F/°C, PMCC (ASTM D-92)	158°/70°
Pour Point °F/°C, (ASTM D-97)	-40°/-40°