

Biodiesel

States Logistics
latest
sustainability
initiative...



...for a cleaner
environment
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What is biodiesel?

Biodiesel a clean burning alternative fuel produced from domestic, renewable resources. Biodiesel contains no petroleum, but it can be blended at any level with petroleum diesel to create a biodiesel blend. It can be used in compression-ignition (diesel) engines with little or no modifications. Biodiesel is simple to use, biodegradable, nontoxic, and essentially free of sulfur and aromatics.



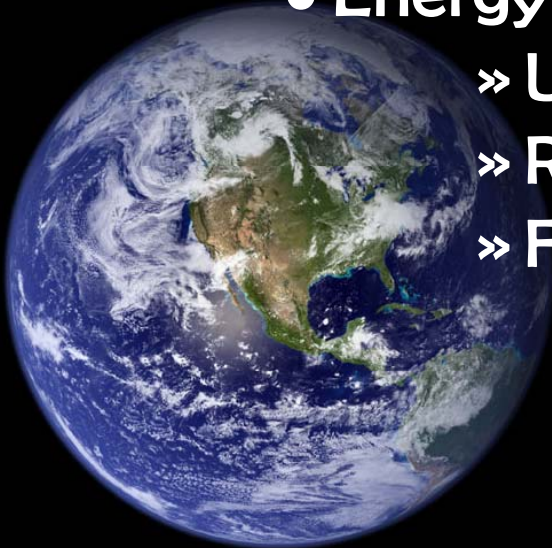
Benefits of Biodiesel

- Environmental Benefits

- Highest energy balance of any fuel; for every one unit of fossil energy needed to produce biodiesel, 3.2 units of energy are gained.
- Significant reduction of harmful pollutants
- Click [here](#) for a detailed look at pollutant reductions

- Energy Security Benefits

- » Utilizes domestic energy sources
- » Reduces energy dependence on foreign sources
- » For every billion dollars spent on foreign oil, the U.S. loses 10,000 to 25,000 jobs



Benefits of Biodiesel

- **Economic Benefits**

- The following would occur based upon an annual 200 million gallon increase of soy-based biodiesel demand:

- » Crop cash receipts increased by \$5.2 billion cumulatively by 2010
- » Average net farm income increase of \$300 million per year
- » Soybean price would increase by an average of 17 cents per year

- **Positive performance attributes**

- Higher combustion quality
- High fuel lubricity
- High oxygen content
- Flash point over 300° F making it safer to use



States Logistics and Biodiesel

“A Matter of Corporate Responsibility”

- 14% of our fleet is now being powered by B99 biodiesel fuel
- Each tractor fueled by B99 is the equivalent of removing 18.6 cars from the road each day!!
- Plans to transition 50% of tractors to biodiesel fuel within 5 years



Contact us for more information on States Logistics and biodiesel

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Thank you for your time...we
look forward
to hearing from you soon!!



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AVERAGE BIODIESEL EMISSIONS COMPARED TO CONVENTIONAL DIESEL, ACCORDING TO EPA

<u>Emission Type</u>	<u>B100</u>	<u>B20</u>
Total Unburned Hydrocarbons	-67%	-20%
Carbon Monoxide	-48%	-12%
Carbon Dioxide	-75%	-15%
Particulate Matter	-47%	-12%
Nox	+10%	+2%
Sulfates	-100%	-20%
PAH (Polycyclic Aromatic Hydrocarbons)	-80%	-13%
nPAH (nitrated PAH's)	-90%	-50%
Ozone potential of speciated HC	-50%	-10%

Source: National Biodiesel Board

[Return to previous screen](#)