



Biodiesel For Garbage Trucks?

As fuel costs and concerns about environmentally hazardous emissions both rise, many in the scientific, engineering and business communities are searching for options that will help reduce the need for traditional fossil fuels for vehicles. In recent years, a fuel called biodiesel has taken center stage as vehicle operators both locally and nationally have started making a switch to this alternative energy source.

A fuel made from domestic, renewable resources, biodiesel is created from separating the glycerin from fat or vegetable oils, leaving chemicals called methyl esters. This fuel can be used to power vehicles much like petroleum-based fuels, or can be mixed with regular diesel to create a fuel blend.

Often utilizing soybeans for the distillation of the methyl esters, biodiesel not only provides lower emissions than typical diesel, but also reduces dependence on rapidly depleting fossil fuel resources. With less production energy required to create the fuel, biodiesel is also earth-friendly in that it biodegrades at the same rate as sugar.

As a company interested in cutting-edge, environmentally friendly options, GSI is examining biodiesel options in hopes of finding the best solution for the company, customers and the environment. Currently, GSI is taking into consideration the experiences and testimonials from other companies who have used biodiesel around the industry and area to ensure that GSI and its customers will be best served by their biodiesel selection.

While biodiesel is heralded as a more environmentally sound alternative to traditional fossil fuels, some have found the early stages of the product to present difficulties. Some trucks around the country have faced troubles with “gelling” of the fuel, a problem that occurs at low temperatures as the fuel coagulates or wax crystals form in the mixture. With such gelling or crystallization, the trucks will sometimes refuse to start on cold days. In the Colorado climate, this poses a particular problem.

Biodiesel companies such as Colorado-based BlueSun are currently working to improve additives in the fuel which will help push GSI’s examination further. This step towards using biodiesel for the company’s trucks proves one more instance in which GSI has taken the lead in *GREEN* options. With a focus on environmental issues, GSI is committed to pursuing options such as biodiesel as part of an effort to undertake proactive, environmentally friendly programs.

Programs such as yardwaste recycling, e-waste recycling for computers and electronic equipment, and a commitment to curbside recycling have provided cutting-edge options for both the company and consumers to contribute to keeping the planet a greener place and made GSI a leader in environmental disposal options.



One Simple Way to Cut Emissions

Curbside recycling is currently mandated as a **WEEKLY** service. Most households do not generate enough materials to justify weekly collection. By reducing the frequency of pickup to bi-weekly, the pollution and truck traffic created by these vehicles would be cut in half.

New Legislation To Help Boost Colorado Recycling Efforts

Ranking near the bottom of states in recycling rates, Governor Bill Ritter signed bill CRS 25-16-104.5 (also known as HB 1288) in an effort to boost Colorado's recycling efforts.

With nearly 8,196,469 tons of garbage making its way into landfills in 2006, Ritter and many other officials are emphasizing the need to increase recycling services.

The new legislation creates a revenue source through fees that will be charged for every ton or cubic yard of garbage entering landfills and waste transfer stations throughout the state.

The funds will help the Colorado Department of Public Health and Environment (CDPHE) with solid waste management and recycling works, and create the Recycling Resources Economic Opportunity (RREO) Fund.

The RREO fund will assist with such things as

- Providing local incentives to expand markets for recycled products
- Funding sustainable resource education programs
- Providing rebate funds for qualified recyclers and grant money for recycling programs
- Help develop or implement sustainable resource or integrated solid waste management plans or programs, for economic use of hazardous waste materials, electronic scrap, and organic matter
- Reduce waste in tire stockpiles
- Deterring illegal waste disposal.

It will be overseen by the newly created 13-member Recycling Resource Economic Opportunity Committee under the Pollution Prevention Advisory Board.

Beginning July 1st, the Larimer County Landfill will see an increase of ten cents per cubic yard for commercial loads, an amount that can swiftly add up.

While no decisions regarding consumer fees have been made at this time, we will examine the impact this landfill rate increase has on future disposal costs.

Service Tips & Reminders

- Please remember to set your trash out by 7a.m. Route trucks start their work in neighborhoods at that time, and return pickups are costly both in fuel, heavy truck traffic and pollution.
- Did you know we offer curbside recycling? You can reduce your trash bill and help the environment by participating. We also provide a drop-off at Overland Foods in Laporte.
- Got a vacation get-a-way planned? Don't forget to put a hold on your service in advance
- Remember to dispose of your household chemicals properly. No paints, solvents, motor oil, or gasoline is allowed in your trash and could result in a heavy fine.
- Please contact us in advance if you have large bulky items such as furniture, appliances or carpet, for disposal. This helps us better plan daily routes and ensure all customers are serviced as scheduled.
- Are you recycling your yardwaste? We provide weekly service from May - October for this environmentally friendly alternative to landfilling grass clippings, branches and garden debris.

HOLIDAY ALERT!

Area Landfills are closed every year on the following holidays:

**New Years Day - Memorial Day - Independence Day
Labor Day - Thanksgiving Day - Christmas Day**

For 2007, if your pickup day falls ON or AFTER the following holiday **during the regular work week**, your normal pickup will be **delayed by one day**:

Independence Day	Wednesday, July 4 th
Labor Day	Monday, September 3 rd
Thanksgiving Day	Thursday, November 22 nd
Christmas Day	Tuesday, December 25 th
New Year's Day	Tuesday, January 1 st



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