



BIODIESEL WWWWW

BIODIESEL USAGE IN BOSTON

WHAT IS BIODIESEL?

- Biodiesel is the name for a variety of ester-based oxygenated fuels made from vegetable oils or animal fats.
- The short answer is an organic fuel.
- Dr. Rudolf Diesel first developed the engine named for him, in the late 1800s, to run on vegetable oil.
- Diesel demonstrated his engine at the World Exhibition in Paris in 1900 using peanut oil as fuel.



WHY USE BIODIESEL?

- Biodiesel is a renewal energy source.
- Exhaust emissions can be lower.
- No additional infrastructure costs
- Reduction of dependency on foreign crude
- Increased lubricity with the blend on ULSD
- ULSD = from 300ppm sulphur to 15ppm



BOSTON'S EXPERIENCE

- Create a specification stating ALL of your requirements
- Pre-bidders conference to ask all the “what if” questions
- Bib award to lowest “qualified” company
- Ask for references
- Contact other users
- Do your homework!



IMPLEMENTATION

- ☞ Clean, clean, clean.
- ☞ Filtration change over
- ☞ 150% increase in ALL filters
- ☞ Random mid-stream collection for quality control of product.



CAUTIONS

- ☞ Cold flow properties
- ☞ Cloud point
- ☞ Pour point
- ☞ CFPP
- ☞ Petroleum or organic





My Friends, I give you... THE DUMBEST GUY ON EARTH!

This picture is real - not doctored in anyway - and was taken last week by a Transportation Supervisor for a company that delivers building materials for 84 Lumber. When he saw it in the parking lot of IHOP, he went and bought a camera to take pictures.

The car is still running, as can be witnessed by the exhaust. A woman is either asleep or otherwise out in the front seat passenger side. The guy driving it was jogging up and down on Rt. 925. (in the background)

Witnesses said their physical state was OTHER than normal. The driver finally came back after the police were called, and was found crouched behind the rear of the car, attempting to cut the twine around the load! Luckily, the police stopped him and had the load removed.

The materials were loaded at Home Depot. Their store manager said they had the customer sign a waiver. While the plywood and 2X4s are fairly obvious, what you can't see is the back seat, which contains -- are you ready for this? -- 10 bags of concrete @ 80 lbs. each. They estimated the load weight at 3000 lbs.

Both back tires exploded, the wheels bent and the back shocks were driven through the floorboard. The car, with FL plates (naturally), was headed for Annapolis, where the couple presumably planned to build a new house in which to smoke their crack.



