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So, You Want To Buy A Biodiesel Car

By Mike Cubert

You've had enough of rising gas prices and it's just about time to trade your old car in anyway. So

you're thinking about getting a biodiesel car, hoping that it will take some of the pressure off your pocketbook. Well, we have good news for you. Not only will a biodiesel vehicle save you money, but it will also help you take better care of the environment - with 78% lower emissions than a standard vehicle running petroleum−based fuel. But where do you get a biodiesel car, you wonder? Well, hold on to your driver's license because the good news continues. Any diesel car is already a biodiesel car. Nothing has to be done to the vehicle at all except fill the tank with biodiesel fuel instead of regular diesel.

The first American company to release a "biodiesel car", specifically designed to run best on B5 or 5% biodiesel, 95% conventional, petroleum−based diesel, was Chrysler with their 2005 Jeep Liberty. The other "blends" of biodiesel fuel you'll most commonly find are B20 (20% biodiesel, 80% diesel) and B100 (100% biodiesel), though it's possible to make any mixture spanning the gamut. Interestingly enough, both B20 and B100 get the same great mileage, though the cost is slightly less for B20. The fuel emissions, harmful to both humans and our environment, however, are much lower in B100 than in B20 or any other blends, for that matter.

Showing outstanding support for the biodiesel car revolution (so to speak) Volkswagen, maker of many fine diesel vehicles (like the Beetle, Jetta, Touareg, and Golf TDIs - that's for Turbo Diesel Injection), says that they will not void the warranty on your vehicle simply because you poured biodiesel fuel into the tank instead of conventional diesel. That's more than most auto manufacturers can say, but it takes no psychic to predict that they'll have to catch on sometime, adopting that or a similar stance if they are to keep their diesel businesses alive.

Now, the biodiesel car isn't the only vehicle being redesigned to support and encourage use of the alternative fuel. Look at John Deere, who has plans to start shipping out all of its combines and tractors already filled with B2 (2% biodiesel, 98% diesel) blend. The Maltby Company is another, using 18,000 gallons of biodiesel fuel in their dump trucks, bulldozers, and other equipment for moving earth.

According to the National Biodiesel Board the single, largest consumers of biodiesel are fleets that are fueled at a central location, such as: city fleets, bus systems, military bases, school districts, and national parks. Part of the reason why could be the 1992 Energy Policy Act which mandates that state and federal fleets purchase vehicles that run on alternative fuels, such as the biodiesel car.

According to he U.S. DOE (Department of Energy), biodiesel fuel can potentially replace as much as 10% of the country's conventional (petroleum−based) diesel diesel supply. No wonder so many service stations around the nation aren't starting to offer fill−ups to the biodiesel vehicle. The Great Lake states seem to have the most biodiesel fill−up stations, with the East Coast, the Carolinas, and Tennesse following close behind. California and Texas have their fair share and, from there, every state in the U.S., barring Alaska and West Virginia, has at least one establishment where a biodiesel car can get its tank filled.

For more benefits of biodiesel, articles, reports, and discussions, please visit our Biodiesel Guide at

http://biodiesel.biogreenlife.com/category/biodiesel−cars/

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The Advantages Of Using Biodiesel Fuel

By Win Paulson

You might have heard a lot about biodiesel. Biodiesel is diesel that can power up your car that is made from vegetable oils and other natural sources. It does not come from the regular crude oil that usually has to be imported from oil−producing countries.

Biodiesel can be considered a new technology, taking into account all the years consumers have had to settle for traditional diesel. Using biodiesel for your car has many advantages:

1. Biodiesel is not harmful to the environment. Unlike its counterpart, a car using biodiesel produces fewer emissions. If a vehicle uses traditional diesel, the vehicle emits black, stinky smoke. With biodiesel, the smoke becomes very clean indeed.

2. Biodiesel may not require an engine modification. Some cars can take advantage of biodiesel without the need to undergo engine alterations. Some mix 20% biodiesel with regular diesel. Doing so enables the car to benefit from the good points of biodiesel without the hassle.

3. Biodiesel is cheap. You can even make biodiesel in your backyard. If your engine can work with biodiesel fuel alone, then you really need not go to the gas station to buy fuel. You can just manufacture some for your own personal use.

4. Biodiesel can make the vehicle perform better. It is noted that biodiesel has a cetane number of over 100. Cetane number is used to measure the quality of the fuel's ignition. If your fuel has a high cetane number, you can be sure that what you get is a very easy cold starting coupled with a low idle noise.

5. Biodiesel can make your car last longer. Because of the clarity and the purity of biodiesel, you can be sure it will not have too many impurities to harm your car. It is actually more lubrication. A car's power output is unaffected by this type of diesel.

6. Biodiesel reduces the environmental effect of a waste product. Because biodiesel is made out of waste products itself, it does not contribute to nature's garbage at all. Biodiesel can be made out of used cooking oils and lards. So instead of throwing these substances away, the ability to turn them into biodiesel becomes more than welcome.

7. Biodiesel is energy efficient. If the production of biodiesel is compared with the production of the regular type, producing the latter consumes more energy. Biodiesel does not need to be drilled, transported, or refined like petroleum diesel. Producing biodiesel is easier and is less time consuming.

8. Biodiesel is produced locally. A locally produced fuel will be more cost efficient. There is no need to pay tariffs or similar taxes to the countries from which oil and petroleum diesel are sourced. Every country has the ability to produce biodiesel.

Biodiesel is surely a viable fuel alternative. Moreover, it is also a sustainable fuel. Using biodiesel not only helps maintain our environment, it also helps in keeping the people around us healthy.

The production of biodiesel all over the world is now being looked upon favorably. In Europe, many biodiesel stations have been set up already. There is also a move to convert or make cars compatible with biodiesel fuel in the near future.

Biodiesel can surely change the way vehicles are manufactured and used. It is surely the best substitute right now, and everyone should consider ways to take advantage of the benefits of biodiesel.

Win Paulson is a contributing editor at

http://www.info−biodiesel.com

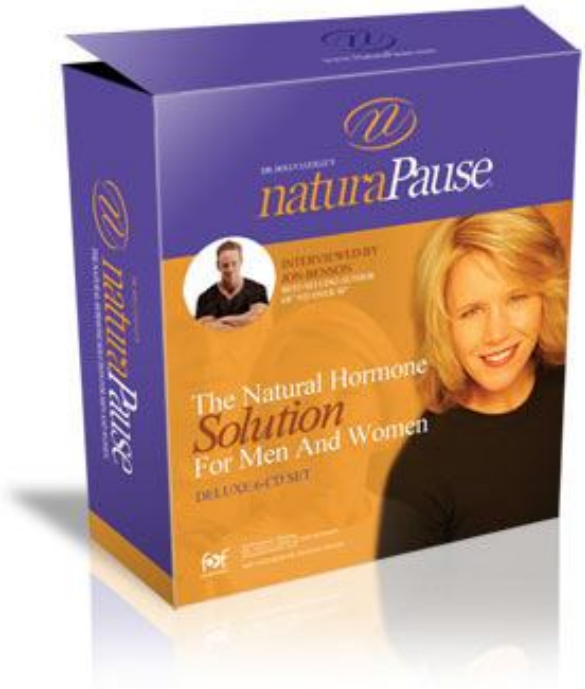
where you will find information

and resources on biodiesel. Head to

http://www.FlexFuel−Info.com

for information on other biofuels and

alternative energy.



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