

FREQUENTLY ASKED QUESTIONS



Are biodiesel and vegetable oil the same thing?

No, biodiesel is produced through a chemical process called transesterification which converts oils and fats of nature origin into fatty acid methyl esters (FAME). Combustion of vegetable oil without conversion to biodiesel will lead to soot accumulation and deposits that may lead to power loss and engine failure.

What is in Biodiesel?

Biodiesel is made through a chemical reaction between natural oils and alcohol, following by purification.

Biodiesel can be made from nearly any naturally vegetable oil of fat

Do I need any modifications to my diesel vehicle to use biodiesel?

If your car was made after 1990, the answer is no. If your car was made prior to 1990, the rubber fuel lines will probably have to be replaced. One major advantage of using biodiesel is the fact that it can be used in existing diesel engines without negative impacts to operating performances. Biodiesel is the only alternative fuel for heavy weight vehicles that does not require any special injection or storage modifications.

BIODIESEL HANDLING AND USE GUIDELINES

Can I run biodiesel in my gasoline engine?

No, Biodiesel can only run in conventional compression-injection (diesel) engines!

Can I go back and forth between petroleum diesel and biodiesel?

Yes, you can use biodiesel and diesel fuel interchangeably, as well as blended

Will I need to change my fuel filters more often when using biodiesel?

Biodiesel is a solvent. It will clear many diesel deposits that have accumulated in your fuel tank. This may cause initial fuel filter clogging but continued use of biodiesel will not cause an increased frequency of fuel filter changes.

How does the fuel efficiency of biodiesel compare with petrodiesel?

Vehicles running on biodiesel get virtually the same MPG rating as vehicles running on petrodiesel.

Is biodiesel good for any engine?

Yes, biodiesel can actually extend the life of your engine. Biodiesel has superior lubricating properties that reduce the wear of vital engine parts.

How do the emissions of biodiesel and petrodiesel differ?

Using biodiesel instead of petrodiesel will significantly reduce unburned hydrocarbons, carbon monoxide, and particulate matter from tail pipe emissions. It will also virtually eliminate sulfur oxides and sulphates which are major contributors to acid rain.