



Biodiesel

Basics and Benefits



Drive Clean.
Go Green.



OLCO Fueled by
BIO DIESEL

What is biodiesel?

Biodiesel is the name of a clean-burning diesel replacement fuel made from natural, domestic, renewable sources such as any agricultural seed oil, recycled cooking grease or waste animal fats.

Biodiesel contains no petroleum, but it can be blended at any level with petroleum diesel to create a biodiesel blend. Just like petroleum diesel, biodiesel can be used in diesel engines with little or no modifications.

Biodiesel is simple to use, biodegradable, nontoxic, and essentially free of sulfur and aromatics.

How is biodiesel made?

Biodiesel is made through a chemical process whereby the glycerin is separated from the fat or vegetable oil. The process leaves behind two products – methyl esters, which is the chemical name for biodiesel, and glycerin, a valuable byproduct used in soaps and other products.

Where can I get biodiesel?

Biodiesel blends for your diesel engine vehicles are now available at select Olco Petroleum retail stations. Bulk purchasing is also available through the Olco Petroleum wholesale operation. For more information, please visit www.olco.ca

Canada applies the American Standard ASTM 7651 established in 1999 for biodiesel B100 and is recognized internationally as equivalent to the European norm EN 14214. Effective April 2005, the Canadian standard CGSB 3.520 (Canadian General Standard Board) applies to B1 to B5 blends. As a supplier of biodiesel, Olco Petroleum Group Inc recommends that biodiesel users consult their owner's manual to ensure that using a particular blend of biodiesel is consistent with the warranty of their engine manufacturer. Accordingly, Olco Petroleum Group Inc. neither guarantees the suitability of any biodiesel blend for any particular purpose nor warrants the effects of using the biodiesel blends on particular diesel engines.

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Why should I use biodiesel?

Biodiesel is better for the environment because it is made from renewable resources and has lower emissions compared to petroleum diesel. It is less toxic than table salt and biodegrades as fast as sugar.

Biodiesel made from animal fats emits 91% fewer greenhouse gases than petroleum diesel.

Biodiesel can help reduce the numerous public health risks associated with air pollution.

Biodiesel is nontoxic, biodegradable, and free of sulfur and carcinogenic benzene.

Biodiesel uses domestically produced renewable resources such as soybeans so its use decreases our dependence on foreign oil and contributes to our own economy.



OLCO