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Improving Biodiesel Performance

Biodiesel is unquestionably growing in popularity. It provides a means to reduce dependence on foreign oil. It is derived from a natural resource. The following link to a document published by the Department of Energy provides a great deal of information about the history of biodiesel:

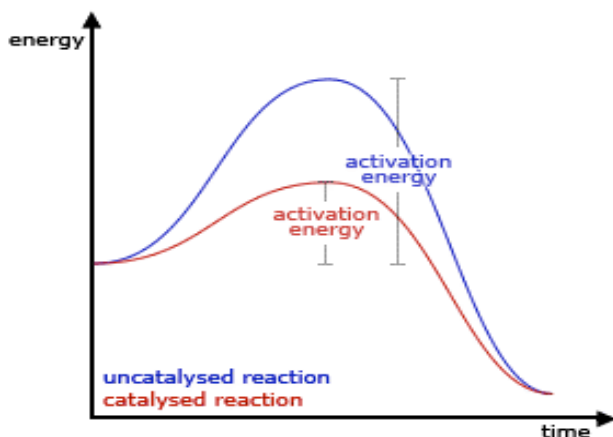
<http://www.eia.doe.gov/oiaf/analysispaper/biodiesel/>

Also described are some issues and limitations that are presented by the use of biodiesel.

Two of the limitations presented by biodiesel are reduction in fuel economy and increased NO_x emissions. Because of these issues and others, biodiesel is typically used in concentrations of 5% or less. However there is technology that can overcome the problems and allow the use of biodiesel without penalty.

DRD Additives' proprietary BD 0938 technology provides a means to use biodiesel and still maintain the performance of the fuel without sacrificing fuel economy or increasing emissions. BD 0938 contains a new type of combustion catalyst that enables complete burning of the fuel and maximizing the amount of energy produced by every ounce of fuel. This complete burning also reduces the formation of byproducts such as NO_x and particulates and thereby reduces harmful exhaust emissions.

There are products that claim to boost power in diesel equipment. They may contain cetane improvers that increase the cetane value of the fuel. Cetane improver technology has been around for many, many years. BD 0938 is a truly revolutionary product that uses the thermodynamic principles of catalysis to reduce the energy required to completely burn fuel. The energy output is increased because competing reactions to combustion are greatly reduced if not eliminated. This also results in lower emissions of NO_x and particulates.



The overall result is smoother, more powerful operation without an increase in emissions. Considering that the reason for using biodiesel in the first place is to protect the environment, why not get the most from your fuel? BD 0938 is the answer.

