BIRCH

a catalyst for change in the greentech sector

The Flux ReportTM Biodiesel Edition, 2012

WHAT IS **BIODIESEL?**

Biodiesel is a **clean burning alternative fuel**, produced from a wide variety of **domestic, renewable resources**. Biodiesel can be blended with petroleum diesel to create a biodiesel blend. Biodiesel blends **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.**

MANY MAJOR U.S. AUTOMAKERS accept the use of up to **B20 BLENDS** in their diesel engines



Biodiesel has added \$4.23 BILLION to the national GDP

BQ-9000 CERTIFIED

biodiesel producers, marketers & laboratories help ensure that **ONLY THE HIGHEST QUALITY** biodiesel meeting ASTM specifications gets put into **YOUR FUEL TANKS**

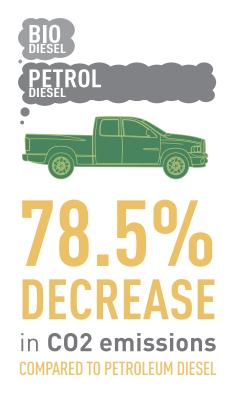


ENERGY SECURITY PRODUCED FROM A VARIETY OF

RENEWABLE RESOURCES, SUCH AS

plant oils, fats, recycled grease, and even algae, M BIODIESEL IS THE M most diverse fuel on the planet

THE PRODUCTION AND USE OF biodiesel, results in a



biodiesel has the HIGHEST ENERGY BALANCE of any commercially available fuel, SETURNING C 5.54 UNITS OF RENEWABLE ENERGY for every one unit of fossil energy needed to produce it