

# BENEFITS OF BIO-DIESEL

Maybe you're wondering if Bio-diesel is as good as Petro-diesel? The answer is, it's BETTER in almost every aspect.

Some of the benefits of Bio-diesel –

- It's made from **Renewable Resources** such as corn & soybean.
- Bio-diesel **reduces our dependence** on oil from foreign countries.
- **Burns up to 90% cleaner** than conventional diesel fuel made from fossil fuels. Substantially reduces unburned hydrocarbons, carbon monoxide and particulate matter in exhaust fumes.
- Sulfur dioxide emissions are eliminated (Bio-diesel contains no sulphur)
- Considered an **Alternative fuel** under EPA's CAFE
- Bio-diesel is **plant-based** and adds almost no CO<sub>2</sub> to the atmosphere
- The ozone-forming potential of Bio-diesel emissions is nearly **50% less** than conventional diesel fuel
- **Pleasant smelling**, both in its raw form, and when burned
- Bio-diesel is **Safe**. It's considered non toxic and greatly reduces the amount of cancer causing emissions vs petro-diesel

- Bio-diesel also has a much **higher flash-point** making it much less likely to ignite in a car wreck or spill
- Bio-diesel is **less toxic** than table salt and biodegrades as fast as sugar
- Bio-diesel **can be used straight** in warmer weather (B100) or blended with petro-diesel in any ratio and **requires no engine modifications** to use.
- **Increased Lubricity.** Bio-diesel has greatly increased lubricating properties vs. petro-diesel, even in very small quantities.
- **Higher cetane rating**
- **BIO-DIESEL IS CURRENTLY EXEMPT FROM THE STATE OF TEXAS FUEL TAX (20 cents per gallon)**

### **No Loss of Power**

Today's Diesels are sophisticated engines capable of amazing power and as an owner, I'm sure you don't want to sacrifice power just to burn Bio-diesel. Well you don't have to. Bio-diesel is basically capable of making as much power as petro-diesel. It actually has a little less power, but because it is a much better at lubricating you end up with the same power. And because it lubricates better, your engine should last longer too.

## **HISTORY**

**By now you've no doubt been hearing about Bio-diesel from your friends, or family, or maybe Television, newspapers, the Internet etc. Bio-diesel is in a large growth stage right now because of the rising costs of Petroleum based fuels, the emissions from petroleum-based fuels, the realization that our oil reserves wont last forever, etc.**

**Here are some sales volume estimates for the US from the National Bio-diesel board -**

**2004 -- 25 million gallons**

**2003 -- 20 million gallons**

**2002 -- 15 million gallons**

**2001 -- 5 million gallons**

**2000 -- 2 million gallons**

**1999 -- 500,000 gallons**

**And the use of Bio-diesel is growing exponentially.**

**For example in Colorado there is a 1 company producing 10 Million gallons a year, and expanding to 15 Million gallons a year as soon as they complete the addition of another processing plant. One prediction for sales volume is as follows:**

**2005 - 80 Million Gallons**

**2006 - 200 Million gallons**

**2007 - 600 Million gallons**

**2008 - 1.5 Billion gallons**

**Most commercially available Bio-diesel will be a blend of B20 (20% Bio-diesel).**

**Bio-diesel has actually been around for around 100 years but the cheap availability of Petroleum fuel has made it the choice for Diesel fuel. But now that petrodiesel prices have risen to such a high level, it's becoming affordable to use Bio-diesel. And it's becoming very popular in MANY countries.**

**CONTACT US TO EXPLORE YOUR BIO-DIESEL OPPORTUNITIES.**