

## American Fuel Blending Systems Inc



American fuel blending systems (AFBS) a Bio Blend Fuels Partner company, manufactures fully self contained live blending dispensing stations like the one you used today. These systems can be used for blending and dispensing either bio diesel or ethanol. Contact us for purchasing and franchising information. Or see our web site:

[Americanfuelblendingsystems.com](http://Americanfuelblendingsystems.com)  
Or contact John Garrow in sales at  
(920)850-0080

## Bio Blend Fuels Inc Home of American Fuel Blending Systems Inc



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## Bio Blend Fuels

### Bio Diesel Usage Guide



**Fueling your future**

**Phone: 920-686-1997**

## A consumers guide to Biofuels



### What do the blends mean?

The blends of B20, B50, and B99 specify the amount of bio diesel to diesel in the fuel. A B20 is 20% bio diesel and 80% #2 diesel. The higher the blend the warmer the ambient temperature needs to be to use that fuel mixture. The guide below reflects the minimum temperature (including at night) it needs to be to use that mixture.

B20= 29 degrees

B50= 39 degrees

B99= 49 degrees

As with regular diesel, using the improper blend for temperature can cause the fuel to gel. Always be aware of the current and predicted temperature prior to fueling

### What about my warranty?

Most diesel manufactures allow up to a certain blend of fuel while under warranty. Check your owner's manual, or with your dealership for your approved blend of fuel.

### Will this harm my engine?

No, you need to be aware that bio diesel is a cleaning fuel. As such, upon first use, it may clean your tanks and fuel lines. When this happens, the "gunk" from your tank and lines may clog your fuel filter. We recommend changing your filter after the first few tanks you use. Additionally, some older diesel engines have fuel lines and gaskets which may not be compatible with high concentrates of bio diesel (greater than B20). Careful regular inspections of your fuel system should be part of your regular maintenance routine.

### What is bio diesel made

**from?** Bio diesel can be made from a variety of renewable sources such as plant oils (soybeans or other crops), recycled cooking grease, or animal fats. These feedstocks are used to manufacture a mixture of chemicals called fatty acid methyl esters (i.e., bio diesel) our bio diesel is made from animal fats, a by product of animal rendering.

### What about quality?

Quality fuel producers must be registered with the IRS, EPA and the national bio diesel board and certify under oath that their product meets American society of testing (ASTM D6751) as a fuel made to quality specifications prior to selling that fuel to the public.

### Does bio diesel affect how my engine operates?

Bio diesel blends of 20% or lower should not noticeably change engine performance. Some users of bio diesel blends notice significant reductions in soot, and CO and HC emissions are reduced. Higher blend levels can reduce fuel economy, torque, and power, but they will also produce lower PM, HC, and CO emissions.

### Do I need to modify my vehicle to use bio diesel?

No, you do not need to modify your engine to use Bio diesel. Users' experiences indicate that no vehicle modifications are necessary for B99 and blends of bio diesel. As with any engine, good maintenance practices are recommended.

### How do I find out more information?

See the national bio diesel boards' web site at [WWW.biodiesel.org](http://WWW.biodiesel.org)

Check out our web site at [WWW.bioblendfuels.com](http://WWW.bioblendfuels.com)

Or stop by and see us!