

BIODIESEL

AMERICA'S ADVANCED BIOFUEL

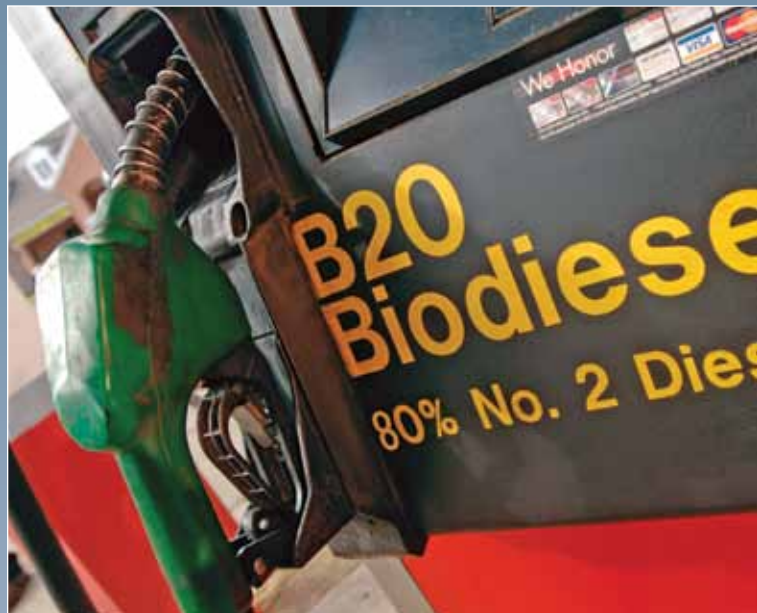
BIODIESEL IS CONSIDERED by many an ideal fuel, and for good reason. Renewable and domestically produced, it's created from diverse feedstocks and yields a high-quality, clean-burning diesel replacement that's better for the environment and for national security. Importantly, biodiesel is a naturally low-sulfur fuel compatible with modern clean diesel models using more advanced diesel engines and emission control systems. That spells enormous growth potential for biodiesel because of the ever-expanding number of light, medium, and heavy-duty clean diesel models now on the market and those coming soon.

Today, biodiesel is blended in increasing amounts with traditional petrodiesel by regional and local fuel suppliers. This quality drop-in fuel enjoys not only wider availability than ever, but also the highest quality, adhering to stringent ASTM fuel quality specifications. In addition, more than 85 percent of all biodiesel produced in the U.S. today comes from BQ-9000 Certified Producers, reflecting the industry's commitment to this rigorous fuel quality control program.



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The growing number of clean diesel passenger vehicles and light trucks now available to American consumers sets the stage for a significant increase in biodiesel use by everyday drivers. In fact, 36 new 2014 model year clean diesel vehicles are here or launching soon, with projections showing upwards of 54 clean diesel models available to North American consumers by 2017. Ultimately, all are expected to be manufacturer warranted for operation on blends up to 20 percent biodiesel (B20).

This is an important trend. Biodiesel has long been used by commercial operators as a successful strategy to offset petroleum use, decrease CO₂ emissions, and reduce smog-forming tailpipe emissions. Consumers find biodiesel intriguing and important as well, but greater use of this renewable fuel in the mass market has been constrained by the relatively limited number of clean diesel models available at new car showrooms. Now that's changing in a big way.

MORE B20-APPROVED MODELS

Running on a 5 percent biodiesel blend (B5) has been commonly approved for light-duty diesel passenger cars and trucks for years, with many medium and heavy-duty vehicles automaker approved for use of B20. The commercial side continues to grow with the expansion of popular B20-approved clean diesel models like the Ford Transit van, among others.

Of interest to consumers wanting to include biodiesel into their daily travels is the growing

trend to allow B20 use in mass-market, light-duty vehicles including the 2014 Ram 1500, Jeep Grand Cherokee, and Chevrolet Cruze. The ability to drive on B20, which brings increased reductions in CO₂ and tailpipe emissions while displacing greater amounts of petroleum, offers an undeniable appeal to consumers who want to drive with a lighter environmental impact while supporting energy independence.

A BIODIESEL FUTURE

Biodiesel has been proving itself as a sustainable alternative to petroleum-derived diesel for over two decades. With 1.1 billion gallons of biodiesel produced during just the last year alone – and in nearly every state – this clean-burning fuel is not only good for the environment but also for the nation by supporting some 50,000 domestic jobs. Importantly, biodiesel production does not require sacrificing food for fuel, but rather uses oils and fats from the minor byproducts of producing high protein feeds like soybean meal and meats.

The synergies are clear: Automakers in increasing numbers are producing advanced clean diesel vehicles to expand their lineups with models offering impressively high mpg, a strategy that will only increase as ever-higher fleet wide fuel economy is being required. In turn, this expanding field of clean diesel vehicles is key to opening the floodgates for biodiesel use in the mass market, bringing greater opportunity for biodiesel to make a difference in energy diversity and CO₂ reduction. For America's Advanced Biofuel, it's a bright future, indeed.

