

Redefining Quality

Technical Service

Industry Updates

ASTM approve new B6-B20 spec

Engine manufacturers may feel more comfortable approving biodiesel blends of 6-20% for use in their vehicles, now that those blends have been given the thumbs up by a key standard-setting agency. The ASTM International D02 Main Committee voted last week in favor of adding a specification for B6-B20 blends, which will clear the way for auto and engine manufacturers to extend warranty coverage on new diesel vehicles if they run on biodiesel blends up to 20%.

Major American automakers GM and Chrysler worked with the ASTM task force to develop the specification, according to the National Biodiesel Board (NBB), which hails the B6-B20 specs as a boon to the auto industry. John Gaydash, Director of Marketing for General Motors Fleet and Commercial Operations, said, "The new ASTM spec for B6 – B20 is a major building block in GM's efforts to elevate biodiesel as part of our overall energy diversity strategy."

Also included in the ASTM vote were:

- Finished specifications to include up to 5% biodiesel (B5) in the conventional petrodiesel specification (ASTM D975)
- Changes to the existing B100 biodiesel blend stock specification (ASTM D6751) to include a cold soak filtration test.
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REG-9000 biodiesel customers will see no change in their B100 quality however because REG-9000 specifications for quality are already more strict than even these new ASTM specifications.

"ASTM is doing the right thing for the biodiesel industry by passing these new specifications," said Myron Danzer, VP of customer and technical service at REG who attending the conference and voted for the more rigorous testing limits. "These specifications will allow the industry to move quality forward and ensure customer confidence."

REG encourages customers to compare biodiesel quality analysis. "You'll see that REG has already had in place a standard for cold soak filtration. Our goal is to redefine quality so you have the best fuel available for your customers and your business," Danzer added.



Danzer, VP of Customer and Technical Service, attended ASTM proceedings

Twenty REG terminal locations

REG biodiesel is readily available in several terminal locations this summer. The Kindermorgan terminal facility in Chicago and the J.D. Street & Company terminal in St. Louis are a part of REG's network of more than 20 terminals to pick up REG-9000™ biodiesel. To learn more about locations near you, hours of operation or state biodiesel legislation that benefits your bottom line visit www.regfuel.com/terminals

Biodiesel transport on track

All major highways have reopened in the areas near REG network plants. Rail traffic has been restored on all rail carriers serving REG plants. The Union Pacific reopened its East-West mainline on Thursday afternoon. Cars destined to the East Coast moved into Chicago late on Friday.

The interchange in Chicago was processing cars this past weekend and cars moved on through to the eastern carriers without any major delays. The carriers continue to work to clear the backlog of cars that had built up in rail yards during the flooding. Service and transit times appear to have returned to normal.

We appreciate your patience during the last few weeks.



REG® acquires Houston plant
*REG finalizes acquisition of
 35 MGY biodiesel production
 facility and California liquid
 storage terminal*

REG recently announced its acquisition of a 35 MGY biodiesel production facility near Houston, Texas and a liquid storage terminal location in Stockton, California. This acquisition will offer REG access to strategic locations with deepwater, pipeline and rail accessibility in Texas and California.

"Integrating additional infrastructure into our production network will aid in REG's continued growth as we distribute high quality biodiesel through petroleum infrastructure nationwide," explained Gary Haer, vice president of sales and marketing for REG.

"In the last month, REG has added more than 80 million gallons of production capacity to the network which already had the capacity to produce 220 million gallons of biodiesel," added Haer referring to a recent REG announcement that it would manage and market biodiesel from a 45 MGY facility in Danville, Ill.

"As we prepare for the Renewable Fuels Standard to go into effect on January 1, 2009. REG is proud to offer large petroleum refiners, national distributors and consumer-oriented retailers large volumes of high quality fuel throughout the U.S."

Case announces B20 endorsement for Construction Equipment

June 17, 2008—Case Construction Equipment announced it has approved the use of B20 blends (20 percent biodiesel and 80 percent petroleum diesel) for more than 85 percent of its construction equipment. In June 2006, Case became the first construction equipment manufacturer to approve the use of B5 blends.

"Case is proudly leading the construction industry to help lower customers' fuel costs and make a positive impact on the environment," said Jim Hasler, vice president, Case Construction Equipment, North America. "Using biodiesel to power Case equipment reduces our dependence on foreign oil and increases our U.S.-based energy production. Plus, biodiesel has the potential to save customers money."

The early approval of biodiesel blends in Case engines joined a long line of industry firsts for Case. These include development of the first factory-integrated loader/backhoe, the invention of the Extendahoe™ extendable dipperstick; the return-to-travel and mid-mount cooling features for wheel loaders; power turn capability, PAT blades and tilting cabs (on under 100 hp models) on crawler dozers, and the availability of Ride Control on skid steers.

For a list of Case equipment that is approved for B20, visit www.casece.com



Food and Fuel Debate

In response to the Grocery Manufacturers of America's food vs. fuel campaigns blaming rising food costs on biofuels, NBB's Joe Jobe said "The problem is energy."

"Biodiesel is a key part of the solution," reminds National Biodiesel Board CEO Joe Jobe in response to the formation of a new partnership instigated by the Grocery Manufacturers of America. "With oil prices up more than 100 percent in the last 12 months, it is wrongheaded for groups to attack biofuels which represent one of the few components of U.S. energy policy that is actually working.

Biofuels are currently contributing over 8 billion gallons of fuel to our fuel supply, without which fuel prices, and consequently food prices, would be even higher than they already are."

"The U.S. biodiesel industry makes quality fuel from oilseed crops as well as inedible products and waste sources, such as recycled cooking oil.

Less than five percent of the world's soybeans are used for U.S. biodiesel production. Soy-based biodiesel is made from the plant oil, leaving 80 percent of the soybean — the protein — for animal feed and food uses.

Therefore, biodiesel production is spurring the growth of the U.S. soybean industry, making even more food and fuel available for the future.

REG-9000™ offers:

INCREASED cetane levels leading to smoother starting engines
IMPROVED lubricity compared to ULSD
AVAILABILITY at terminals across the Midwest
QUALITY beyond ASTM D-6751 specs.

The REG-9000™ product line is B100 that **exceeds** ASTM D6751 biodiesel specifications, regardless of feedstock.

REG's biodiesel specifications which exceed ASTM specifications include 1) reduced free and total glycerin levels 2) a reduced acid number and 3) reduced free water and sediment.

We perform internal tests for specifications not currently required by ASTM including: tests for monoglycerides, diglycerides and triglycerides, tests for total biodiesel moisture and a cold soak filtration test which indicates how well REG biodiesel will perform in cold weather.

As part of the quality specification, Renewable Energy Group provides a line-up of three REG-9000™ biodiesel products.

- **REG-9000-1** has a cloud point ranging from 0-2 degrees C and a cetane level from 47-50.
- **REG-9000-5** has a cloud point ranging from 4-6 degrees C and a cetane level from 50-53.
- **REG-9000-10** has a cloud point ranging from 8-12 degrees C and a cetane level from 53-59

To learn more about biodiesel contact one of our sales team members:

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To re-order, inquire about contract pricing or set up delivery, please contact our customer service team at **888-REG-8686**.

Dallas and Sandi look forward to helping you today!

