

# OEM APPROVALS

JOHN DEERE  
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Due to the variety of standards that exist in the diesel engine industry and in response to questions from various markets, John Deere Power Systems (JDPS) is officially clarifying its position on the use of Biodiesel in its diesel engines.

While 5 percent blends (B5) are preferred, Biodiesel concentrations up to a 20 percent blend (B20) in petroleum diesel fuel can be used in John Deere engines through Tier 3/Stage III A models, including all non-emissions-certified engines. Biodiesel blends up to B20 can be used only if the Biodiesel (100 percent Biodiesel or B100) meets ASTM D6751 (U.S.), EN 14214 (EU) or equivalent specification. Biodiesel users are strongly encouraged to purchase Biodiesel blends from a BQ-9000 Certified Marketer and to source from a BQ-9000 Accredited Producer, as certified by the National Biodiesel Board.

"John Deere's leadership in the use of Biodiesel is another example of our commitment to environmentally friendly engine solutions," said Brian Brown, manager of worldwide marketing support at John Deere Power Systems. "Using Biodiesel fuel reduces particulate emissions and decreases dependence on crude oil."

John Deere approved fuel conditioners containing detergent/dispersant additives, such as John Deere Premium Biodiesel Fuel Conditioner, are recommended when using lower Biodiesel blends but are required when using B20 blends.

Biodiesel is a renewable, oxygenated fuel made from agricultural resources such as soybeans or rapeseeds. It is biodegradable and free of sulfur.

"We recognize the importance of biofuels to our customers and to the environment," Brown said. "Use of biofuels in John Deere diesel engines is the right thing to do from a long-term economic and environmental standpoint."

John Deere was the first off-highway engine manufacturer to recommend and factory-fill Biodiesel in North America.

"We still get questions about higher Biodiesel blends and warranty, but our position on warranty for customers that use B20 has not changed," said Grant Sure, manager of field service for JDPS. "While we prefer the use of B5 Biodiesel blends, we also know that when high quality B20 blends are available, they work well in John Deere engines. If customers make sure the Biodiesel meets the ASTM D6751 standard, is stored and mixed properly, and is used shortly after manufacture, they can continue to rely on John Deere engines while using B20."

John Deere wants every potential Biodiesel user to be informed about the advantages as well as the cautions of using Biodiesel. Good operating practices are very important when using any Biodiesel blend. Visit [www.johndeere.com/biodiesel](http://www.johndeere.com/biodiesel) for more information on biofuels and the proper way to use them in John Deere engines.