

Fuel Talk...

Real world insights to refine your sales presentations.

LOW
SULFUR
DIESEL

Ultra Low Sulfur Diesel Is Here

The new Ultra Low Sulfur Diesel (ULSD) fuel becomes widely available nationwide this month. Your customers purchasing Ford vehicles with the 6.0L Power Stroke® V-8 turbo diesel engine or the 4.5L Power Stroke V-6 may be confused about the kind of fuel they should use. This article should help you answer their questions.



Using ULSD in 2007 Ford Trucks

2007 Ford vehicles built with the 4.5L or 6.0L Power Stroke engines have a carryover 2006-style engine and are not required by federal mandate to use ULSD. **All 2007 and prior model year Ford trucks can use either LSD or ULSD fuel.**

You should also be aware that all diesel fuel pumps selling Low Sulfur Diesel must display EPA warning labels, which state: "WARNING: Federal law prohibits use in model year 2007 and later highway vehicles and engines." This is not the case for 2007 Ford vehicles with the carryover 2006 engines; therefore both Low Sulfur Diesel and ULSD fuels can be used in these vehicles.

Environmental Benefits of ULSD

The old Low Sulfur Diesel (LSD) has a maximum of 500 ppm (parts per million) sulfur. ULSD has no more than 15 ppm sulfur. ULSD is designed to be more environmentally responsible than regular diesel. ULSD benefits include:

- Reduced emissions of sulfur compounds (blamed for acid rain)
- Allows the use of more advanced emissions control systems that reduce emissions of nitrogen oxides and particulates
- The EPA estimates that using ULSD will reduce nitrogen oxide emissions by 2.6 million tons each year
- EPA estimates also predict that soot or particulates will be reduced by 110,000 tons per year

2008 Ford Trucks

The first Ford vehicle with a diesel engine requiring ULSD will be the new 6.4L Power Stroke available in the 2008 F-Series Super Duty.® Regular Low Sulfur Diesel should never be used in an engine designed for the new ULSD fuel.

Frequently Asked Questions

Q. Can 2007 Super Duty® and earlier model diesel trucks run on ULSD?

A. Yes. There are no restrictions from using ULSD.



Q. Can 2007 Super Duty diesels run on Low Sulfur Diesel?

A. Yes. Although Low Sulfur Diesel may not be available in some areas as the industry switches to ULSD.

Q. Will the new 2008 Super Duty be able to use Low Sulfur Diesel?

A. No. The EPA regulations prohibit this. 2008 Super Duty diesels must use ULSD.

Q. How do these changes impact 2007 E-Series with the 6.0L engine?

A. ULSD can be used in the E-Series 6.0L engines for 2007 and earlier model years.

Additional Resources

For additional information regarding E-Series, F-Series and ULSD, refer to the Truck Source Book, check out eSourceBook at esourcebook.dealerconnection.com or visit fordvehicles.com.

For additional information on ULSD, visit www.epa.gov/cleandiesel/dieselworkshop.htm.

