



Achieve Maximum Performance with the Proper Fuels and Additives

With the introduction of the 6.4L Power Stroke® Diesel and the 2007 United States Environmental Protection Agency emissions regulations, there have been some changes in the way we fuel and service diesel powered vehicles.

Diesel Fuel

- Ultra Low Sulfur Diesel (ULSD) fuel is required for all 6.4L engines as part of the 2007 emission requirements
- Use of Low Sulfur Diesel (LSD) fuel in a 6.4L engine can cause severe engine damage and put your warranty at risk.
- Look for pump labels to be sure of what you are putting in your vehicle (See below)
- ULSD can be used in all Power Stroke Diesel engines

The image on the left is representative of a pump label for ULSD and the image on the right is for pumps with LSD.

ULTRA-LOW SULFUR HIGHWAY DIESEL FUEL
(15 ppm Sulfur Maximum)

Required for use in all model year 2007 and later highway diesel vehicles and engines.

Recommended for use in all diesel vehicles and engines.

LOW SULFUR HIGHWAY DIESEL FUEL
(500 ppm Sulfur Maximum)

WARNING

Federal law *prohibits* use in model year 2007 and later highway vehicles and engines.

Its use may damage these vehicles and engines.

Engine Oil

- All 6.4L engines require the use of CJ-4 engine oil as opposed to the previous classifications of CI-4 and CI-4 Plus engine oil
- Use of CI-4 engine oil in a 6.4L engine can cause severe engine damage and put your warranty at risk
- The recommended viscosity of CJ-4 engine oils remains the same. 15W-40 and 10W-30 remain the preferred viscosities for Power Stroke Diesel vehicles
- CJ-4 oil can be used in all Power Stroke Diesel engines



The new labels identify the oil as CJ-4 compliant as shown here.

Motorcraft Diesel Fuel Additives

- Motorcraft fuel additives can be used in all Power Stroke Diesel engines
- Motorcraft Cetane Booster & Performance Improver and Anti-Gel & Performance Improver attributes include:
 - Improves fuel economy
 - Improves starting ability
 - Ultra Low Sulfur Diesel (ULSD) compliant
 - Smooths engine operation
 - Adds lubricity to fuel to reduce engine wear



PM-22-A (USA)
PM-22-B (CAN)

PM-23-A (USA)
PM-23-B (CAN)

Motorcraft Diesel Coolant Additives

- Motorcraft coolant additives can be used in all Power Stroke Diesel engines
- Motorcraft coolant additives provide optimum cooling system and engine protection
- Motorcraft VC-8 Diesel Cooling System Additive must be periodically added to the cooling system to ensure proper additive concentration levels.
- Maintains appropriate nitrite levels and provides optimum protection for the components and vehicle.

