



INTERNATIONAL TRUCK AND ENGINE CORPORATION  
FEDERAL GOVERNMENT SALES  
CALLER SERVICE 59007, KNOXVILLE, TN 37950-9007

T 865 450 4003  
F 865 450 4004

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Russ Miller  
Director- Engineering & Commodity Management Division  
GSA Automotive

RE: Response to Special Request

The following are International Truck and Engine Corporation's requested statements:

1. Your position or recommendations on the use of B5  
B5 is approved for use with current and 07 engines.
2. Your position or recommendations on the use of B20  
B20 which is also essentially sulfur free will be approved for use in current and 07 engines once the industry comes up with a standard method of producing the fuel.
3. Your position or recommendations on the use of fuel additives on 2006 and earlier MY vehicles with diesel engines certified to the EPA's 2004 requirements.  
Fuel additives that are currently used with 06 and prior engines will still be compatible with the ULSD fuel as the fuel is backwards compatible. These current additives should not be used in 07 diesel engines with ULSD fuel.
4. A brief summary/reminder of what the potential consequences may be if ULSD is not used in vehicles with 2007 compliant diesel engines  
Continued use of low instead of Ultra low sulfur diesel in 07 engines will clog the diesel particulate filter to a point where the vehicle goes into a severe de-rate and then shutdown mode. The filter at that point would have to be removed and replaced. Sulfur in fuel poisons the catalyst by sticking to the metals causing them to lose their ability to regenerate. The diesel particulate filter can recover from occasional mis-fuelings with low (500 ppm) instead of ULSD fuel. Filter life is proportional to total sulfur consumption.
- 5 Anything else you may want to state or recommend on fuel usage and/or vehicle operation.  
The emissions including the exhaust after treatment itself is covered by the EPA mandated 5 year/100,000 mile warranty. The minimum design life of the diesel particulate filters are 435,000 miles, 10 years, or 22,000 hours in a heavy duty diesel application and 185,000 miles or 10 years in a medium duty application.

Thank you,

Dale Neighbor  
Manager, Contract Administration  
Federal Government Sales  
International Truck and Engine Corporation