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Title: Fuel in Oil Worksheet
Applies To: 2007 EPA I6 Engines

DESCRIPTION

The presence of diesel fuel in diesel engine oil is also commonly known as 'fuel dilution' or 'engine is making oil'. Although there are industry-acceptable fuel dilution limits, these may vary from design to design or between engine applications and drive cycles.

On occasion, 'fuel dilution' may be presented as a complaint. As with all symptom diagnostics, a successful repair depends on consistently collecting accurate information, confirming the symptom, and following a prescribed diagnostic and repair method.

Some things to remember:

- A certain amount of dilution is expected and will not harm the engine.
- Navistar uses oil Viscosity as the key indicator for fuel dilution – units of measure are in Centistokes (cSt).
- Primary causes for excessive fuel dilution are:
 - o Extended oil service intervals.
 - o Frequent regen due to extended DPF maintenance (ash removal).
 - o Engine misfire– typically a misfire under certain conditions that goes unnoticed over a long period.

The following worksheet is intended for service and maintenance facilities alike to properly assess and diagnose 'fuel dilution' complaints.

Click Here for: [Fuel in Oil Worksheet](#)

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