

COACH MODEL : All
DATE : 01/04/2012
SUBJECT : DEF (Diesel Exhaust Fluid) Facts

2010 Emission Cummins and Detroit Diesel engines in Van Hool coaches require the use of DEF to meet EPA emission mandates. The following information is a short review about DEF questions in the field:*

- 1) DEF is sold by many trade names, i.e. Blue Tec, Ad-Blue etc. Any DEF sold under any name can be used in any 2010 emission engine requiring DEF.
- 2) DEF is a non-toxic fluid consisting of 2/3rd water and 1/3rd automotive grade urea.
- 3) DEF is corrosive to aluminum, copper and several other metals and should not be stored or placed in containers not designed to hold UREA.
- 4) DO NOT place DEF in any tank opening of any coach other than the DEF tank which is properly marked as such.
NOTE: Damage to metal piping and other components may occur if DEF is placed into any other system of a coach including the engine cooling system.
- 5) DEF usage is roughly 1 gallon per 300-400 driving miles. Individual results may vary.
- 6) DEF will freeze at 12° F, however once the engine is running the heated tank will thaw out the fluid in a short time frame.
- 7) DEF can be purchased in bulk 275 gallon totes, or 55 gallon drums for fleet usage. Most truck stops, truck dealers, or large fueling stations also carry DEF in 2.5 or 1 gallon containers for purchase while on extended trips.
- 8) A 2010 emission engine will run without DEF, but only in a De-Rated mode until the DEF tank is refilled.
- 9) The DEF tank has a dashboard gauge and or lights to keep the driver informed about the fluid level in the tank. Van Hool coaches have the DEF tank gauge incorporated into the DMUX dash display area.
- 10) DEF is roughly the same price per gallon as diesel fuel.

Please refer to your Van Hool operator manual for more details about DEF or contact your nearest ABC service location, or call Customer Care at 877-427-7278

*Some information is taken from DDC and Cummins sources.