



# **Lyden Oil Company**

## **ProGuard Product Data**

### **Diesel Exhaust Fluid - DEF Information Sheet**

**Diesel Exhaust Fluid is a purified solution of 32.5% urea in deionized water. It is a colorless, odorless, non-hazardous, non-flammable solution made from natural gas.**

**In an effort to protect our natural environment, DEF is injected onto the exhaust system of Selective Catalytic Reduction, (SCR) equipped diesel vehicles to convert noxious, NO<sub>x</sub>, into harmless nitrogen, water and carbon dioxide (CO<sub>2</sub>).**

**Federal law requires most 2010 diesel engines to be equipped with SCR technology. These vehicles require the use of DEF.**

**Diesel Exhaust Fluid should be stored in areas where the temperature stays between 10 and 90 degrees F. and it will last a minimum of one year without problems.**

**Containers and parts coming into contact with Diesel Exhaust Fluid should not be made of aluminum; otherwise it will be susceptible to corrosion.**

**DEF may freeze at or below 12 Deg F. Freezing does not impact its functionality and Diesel Exhaust Fluid is easily thawed within moments by the warmth of the engine.**

**5 gallons of DEF is expected to have a driving range to 1500 miles.**

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### **Lyden Oil Company**

3249 Wales Ave. NW  
Massillon, OH 44646  
(330)832-7800  
fax: (330)832-2787

3711 LeHarps Rd.  
Youngstown, OH  
(800)362-9410  
fax: (330)792-1462

2649 Tracy Rd.  
Northwood, OH  
(800)245-9336  
fax: (419)666-8790

419 Spring St.  
Lansing, MI 48101  
(800)968-6457  
fax: (517)485-0605

24200 W. Outer Dr.  
Allen Park, MI 48912  
(313)383-0097  
fax: (313)383-2342