

Environmental Protection

Meet EPA2010 Vehicle Emission Standards for Diesel Engines

Issue: EPA2010 New Vehicle Emission Standards for Diesel Engines require that NOx emissions be reduced to near zero. Most commercial vehicle manufacturers have chosen Selective Catalytic Reduction (SCR) Technology because it is effective with no loss of fuel economy. In simple terms, a fine mist of Diesel Exhaust Fluid (DEF), a solution of UREA and water, is dosed into the exhaust and neutralizes the NOx molecules. Anticipated rate of fluid consumption is 2 - 3% per gallon of diesel fuel.

Application: A separate tank is fitted onto the vehicle to hold the DEF. Refuelling the DEF tank will probably occur every other diesel fuel fill up.

Recommendation: **GT300 Pumps** with **Viton** Seals are ideally suited for DEF in 55 gallon drums and will give years of service. Add a remote discharge nozzle to deliver the liquid to the DEF tank and a shop air adapter for a complete package. Meets PEI (Petroleum Equipment Institute) ISO standards for DEF delivery.

GoatThroat™ Pumps

Hand-pressurized precision pumps that handle anything

Spill Proof Pump That Lasts for Years!

Fast, easy, controlled dispensing

Like opening and closing a faucet

From 5 and 55 gallon containers



GT300 - Pump
for the drum



RT300 - Nozzle
for point of use
delivery



BGA
pneumatic
adapter

- **Pressurize with a few quick strokes**
- **Dispense as easily as opening and closing a faucet**
- **Deliver precise amounts from 5 and 55 gallon containers**
- **No spills or leaks**
- **Safe and reliable**
- **Eliminates fumes - no VOCs**
- **Ergonomic design - no worker injuries**
- **Maintenance free**
- **Drains drums dry to RCRA empty**
- **Meets RoHS standards**

10 year life expectancy make these the best value!

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