



DIESEL EXHAUST FLUID

DESCRIPTION:

DEF is a reducing agent which is injected into the hot exhaust gas stream downstream of the diesel particulate filter. It vaporizes in the hot exhaust gas to form ammonia and carbon dioxide which then reacts with the SCR system catalytic converter and the NOX (oxides of nitrogen) in the exhaust, converting the harmful NOX emissions to harmless nitrogen and water. DEF meets ISO 22241-2 specifications and meets all applicable standards and specifications for use in all SCR systems.

FEATURES/ BENEFITS

- Provided in white 1- and 2-gallon containers, semi-transparent white 275 gallon totes as well as plastic drums. The white containers block sunlight which will degrade DEF and help it to stay cooler, which will increase shelf life.
- No special handling is required - It's easy to use.
- It is: Non-toxic • Non-flammable • Non-polluting • Non-hazardous

COMPLIANCE

DEF meets the ISO 22241 specification, which is the worldwide standard and specification for DEF. It meets or exceeds all applicable standards, certifications, and manufacturer's performance requirements, including purity and composition, for use in all SCR emission control systems.

APPLICATIONS

For use in SCR (Selective Catalytic Reduction) Emission Control Systems for automotive and heavy-duty diesel engines in order to meet the EPA 2010 initiatives for near zero levels of NOX emissions from diesel exhaust.

SPECIAL HANDLING, NOTICES OR WARNINGS

Care in handling should be taken according to ISO 22241-3. Avoid temperatures below -12 O F and above 95 O F. If DEF is frozen it may be thawed without degradation. Shelf life begins to reduce when DEF is stored above 860F and/or is stored in an open container. DEF is highly corrosive to aluminum, copper, brass, zinc, lead, magnesium, mild steel and

plastics or metals coated with nickel. It should be stored in plastic or stainless-steel containers. All surfaces that encounter DEF must be free of foreign matter.