

PURUS® DIESEL EXHAUST FLUID

DESCRIPTION: PURUS® Diesel Exhaust Fluid (DEF) is a non-toxic, clear, chemical, urea solution for use as a reducing agent for SCR systems (Selective Catalytic Reduction) in diesel-powered vehicles. Toxic NOx exhaust emissions are reduced to the following components of air, nitrogen, water and carbon dioxide, thereby removing previous environmentally and physically damaging pollutants from further entering the atmosphere.

PURUS® Diesel Exhaust Fluid (DEF) meets all EPA standards and bears the important American Petroleum Institute's API symbol. This symbol guarantees PURUS™ Diesel Exhaust Fluid is certified and ensures the standards of product manufacturing, handling and packaging, quality assurance, and safety/environmental protection.

APPLICATION: PURUS® Diesel Exhaust Fluid (DEF) is stored in a supplementary tank on the vehicle. The dosage, approximately 2% of fuel consumption, is calculated precisely by the vehicle's electronic computer and injected into the exhaust duct. DEF is a 32.5% aqueous urea solution of the highest purity. Product quality is ensured by compliance to global quality standards **DIN 70070 and ISO 22241**.

HANDLING AND STORAGE: The shelf life of DEF is directly related to the temperature at which it is stored. Storage temperature between 23° and 86° F are recommended to maintain optimal shelf life of up to two years. If **PURUS® Diesel Exhaust Fluid (DEF)** freezes, its efficacy will not be effected upon thawing. To maintain the purity of DEF and not harm the SCR Catalyst System care must be taken regarding the material of construction for all items that come in contact with the DEF solution.

TYPICAL PROPERTIES*:

Boiling Point	>212 °F
Crystallization Point	12 °F
Pounds/Gallons	9.09
Specific Gravity (Water=1)	1.09
Vapor Pressure (mm of Hg)	Not applicable
Vapor Density (Air=1)	0.6 H2O >1
Water Solubility	100%
Appearance	Colorless, clear liquid
Odor	None to slight ammonia
Evaporation Rate	<1

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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