

# PURUS®

## 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.

**APPLICATION:** 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.

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**.



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PINCFO

# DEF HANDLING GUIDE

Diesel Exhaust Fluid (DEF) is sensitive to impurities and it is essential that it is handled carefully to prevent contamination.

If DEF is contaminated it may cause the SCR system to malfunction. This means pumps and containers used for DEF must not be used for any other fluids. It is important that tanks, pumps, hoses, containers and nozzles previously used for other products like diesel or lube oil are not used for DEF. The requirements for handling DEF are unique.

Certain stainless steels and various plastic materials are suitable for handling DEF. Carbon steels, copper, copper-containing alloys and zinc-coated steels should not be used.

The shelf life of DEF is approximately two years if the fluid temperature remains between 12°F (-10°C) and 86°F (30°C).

Consult the MSDS for additional handling information.