

SPX DEF

DIESEL EXHAUST FLUID

SPX DEF is a diesel exhaust fluid for use in Selective Catalytic Reduction (SCR) systems on diesel engines to lower the concentration of nitrogen oxide, NOx, in emissions. SPX DEF is stable, colorless, non-flammable and non-toxic. It is comprised of 32.5% urea and 67.5% deionized water.

Applications

- SCR systems on diesel engines

Specifications

SPX DEF meets the following specifications:

- API
- ISO 22241

TYPICAL PROPERTIES

Appearance	Clear
Specific Gravity @ 60°F	1.09
Density, lbs/gal @ 60°F	9.09
Boiling Point, °C (°F)	>100 (>212)
Crystallization Point, °C (°F)	-11 (12)

Minor variations in typical properties data are to be expected in normal manufacturing.

MATERIALS RECOMMENDED FOR USE WITH DEF

Highly alloyed austenitic Cr-Ni-Mo steels or stainless steel 304 (S30400), 304L (S30403), 316 (S31600) AND 316L (S31603) in accordance with ASTM A240, ASTM A276, and ASTM A312

Titanium

Ni-Mo-Cr-Mn-Cu-Si-Fe Alloys, e.g. Hastelloy c/c-276

Polypropylene, free of additives

Polyethylene, free of additives

Perfluoroalkoxyl Alkane (PFA), free of additives

Polyfluoroethylene (PFE), free of additives

Polyvinylidene fluoride (PVDF), free of additives

Polytetrafluoroethylene (PTFE), free of additives

Copolymers of Vinylidene fluoride and Hexafluoropropylene, free of additives

MATERIALS NOT RECOMMENDED FOR USE WITH DEF

Carbon Steels, Zinc Coated Carbon Steels, and Mild Iron

Non Ferrous metals and alloys: Copper, Copper Alloys, Zinc, Lead

Solders containing Lead, Silver, Zinc, or Copper

Aluminum, Aluminum Alloys

Magnesium, Magnesium Alloys

Plastics or metals coated with Nickel

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).

Web: www.pilotthomas.com

Email: info@spx-usa.com

Tel: 844.785.8326



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Heavy Duty

