

DIESEL EXHAUST FLUID tersus DEF™

OEM approved for all SCR-equipped engines

Meets all ISO 22241 requirements

Made with high-quality urea and pure water



ISO 22241

Quality Controlled Production

Tersus DEF™ Diesel Exhaust Fluid is manufactured in a climate controlled, State of the Art facility, featuring “PLC” controlled electronic mixing. Tersus DEF™ Diesel Exhaust Fluid’s Solutionizing plant maintains complete contaminate control in every phase of production. With stringent quality controls in place, Tersus is one of the few Diesel Exhaust Fluids on the market today that utilizes 100% internal loading of product.

Low Odor or No Odor

Non-Foaming

Certification and Specifications

Formulated with high quality urea and pure water, Tersus DEF™ is API Certified and meets ISO 22241 specifications.

Applications

Tersus DEF™ Diesel Exhaust Fluid is approved for all SCR equipped diesel engines in large fleet trucks, pick-ups, cars, off road equipment and power generators.

Storage & Handling

Non—Hazardous, Non-Flammable, Non-Toxic, 2 year shelf life, store out of direct sunlight. Ideal temperature range for maximum shelf life is 23°F—86°F.

Dispense only from new or clean containers / or use proper equipment rated for Diesel Exhaust Fluid. Keep containers tightly closed when not in use. Exposure to air can cause crystallization of product.

Product Specifications

Characteristics	Unit	Test Methods	TersusDEF™ Test Results
Urea Content	%(m/m)	ISO 22241-2 Annex A / ISO 22241-2 Annex B	32.3
Density at 20°C	Kg/m ³	ISO 3675 or ISO 12185	1089.0
Refractive index at 20°C	—	ISO 22241-2 Annex C	1.3825
Alkalinity as NH ₃	%(m/m)	ISO 22241-2 Annex D	0.01
Biuret	%(m/m)	ISO 22241-2 Annex E	0.065
Aldehydes	mg/kg	ISO 22241-2 Annex F	0.1
Insoluble matter	mg/kg	ISO 22241-2 Annex G	4.4
Phosphate (PO ₄)	mg/kg	ISO 22241-2 Annex H	0.05
Calcium	mg/kg	ISO 22241-2 Annex I	0.13
Iron	mg/kg	ISO 22241-2 Annex I	0.01
Copper	mg/kg	ISO 22241-2 Annex I	0.00
Zinc	mg/kg	ISO 22241-2 Annex I	0.00
Chromium	mg/kg	ISO 22241-2 Annex I	0.00
Nickel	mg/kg	ISO 22241-2 Annex I	0.00
Aluminum	mg/kg	ISO 22241-2 Annex I	0.05
Magnesium	mg/kg	ISO 22241-2 Annex I	0.05
Sodium	mg/kg	ISO 22241-2 Annex I	0.24
Potassium	mg/kg	ISO 22241-2 Annex I	0.00
Identity	—	ISO 22241-2 Annex J	Identical to reference

Package Sizes Available:

- 330 Gallon Tote
- 275 Gallon Tote
- 55 Gallon Drum
- 2.5 Gallon Jugs
- 1 Gallon Jugs
- Bulk

Rev 09/2014