

Road King

DIESEL EXHAUST FLUID

32.5% Aqueous Urea Solution | DeNox Grade

Road King™ Diesel Exhaust Fluid (DEF) is manufactured from technically pure urea mixed with demin quality water designed to meet the specifications of DIN 70070:2005 and ISO 22241-1:2006 for NOx abatement technologies.

Road King™ DEF is a Diesel Exhaust Fluid certified by the American Petroleum Institute.



Parameter	Typical Value
Urea Concentration	32.5 +/- 0.7%
Specific gravity at 20° C	1.087 – 1.093 kg/m ³
Refractive index at 20° C	1.3814 – 1.3843
Free Ammonia (alkalinity)	0.2% max
Biuret	0.3% max
Formaldehyde	None
Insoluble matter	20 ppm max
Phosphates	0.5 ppm max
Calcium	0.5 ppm max
Iron	0.5 ppm max
Copper	0.2 ppm max
Zinc	0.2 ppm max
Chromium	0.2 ppm max
Nickel	0.2 ppm max
Aluminum	0.5 ppm max
Magnesium	0.5 ppm max
Sodium	0.5 ppm max
Potassium	0.5 ppm max
Water Quality	Demin—ISO 3696 applicable

Road King DEF Properties

Boiling Point	>212°
Crystallization Point	12°F
Pounds/Gallon	9.10
Kilograms/Liter	1.10
Specific Gravity	1.09 ¹
Water Solubility	100%
Appearance	Clear Liquid
Odor	None

¹Water=1

Handling and Storage Instructions

- Do not mix with fuels
- Recommend storage temperatures: 23°F to 77°F (-5°C to 25°C)
- Freezing point: 11°F/-12°C
- Avoid direct sunlight
- Store DEF in containers that meet ISO 22241 standards
- Use closed-systems to prevent contamination

Road King™ Diesel Exhaust Fluid, supplied by Superior Lubricants, is often sold through third-party suppliers; therefore it is the end user's responsibility to determine the suitability of the product for their specific application. Road King/Superior Lubricants' liability for damages or losses shall be limited to replacement of the product or refund of the purchase price, at Road King/Superior Lubricants' option. In no event shall Road King/Superior Lubricants be liable for any special or consequential damages.

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