



# DEF

## Diesel Exhaust Fluid

### PRODUCT DESCRIPTION

LUBXTAR DEF (Diesel Exhaust Fluid) produced by combining pure liquid urea.

### APPLICATIONS

Recommended for use in selective catalytic reduction technology in EURO 4,5 or 6 diesel engine vehicles.

### FEATURES & BENEFITS

- Effective in controlling the emission of nitrogen oxides.
- Non-toxic, non –hazardous and formaldehyde free.

### SPECIFICATION & TYPICAL PROPERTIES

Grade	DEF	
<b>Mets the following specifications</b>		
AUS 32 and ISO 22241 -1 specifications	x	
<b>Typical Properties</b>		
Test Parameters	ASTM Method	Typical values
UREA % by weight		31.8 - 33.2
Alkalinity as NH3 % by weight max		0.2
Density at 20° C		0.907 – 0.912
Insolubles, ppm maximum		20
Biuret % by weight max		0.3
Aldehyde, ppm max		5
Phosphate (PO4 ), ppm max		0.5
Aluminum, ppm max		0.5
Calcium, ppm max		0.5
Iron, ppm max		0.5
Copper, ppm max		0.2
Zinc, ppm max		0.2
Chromium, ppm max		0.2
Nickel, ppm max		0.2
Refractive Index at 20° C		1.3814 - 1.3843
Sodium, ppm max		0.5
Magnesium, ppm max		0.5
Potassium, ppm max		0.5

Manufactured by :

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