



Diesel Exhaust Fluid

Product specifications for BlueDEF™

Urea 32.5% - solution in water

Characteristics	Unit	Limits		Test Method
		min.	max.	
Urea Content	% (m/m)	31.8	33.2	ISO 22241-2 Annex B ISO 22241-2 Annex C
Density at 20°C	kg/m ³	1087	1093	ISO 3675 or ISO 12185
Refractive index at 20°C	-	1.3814	1.3843	ISO 22241-2 Annex C
Alkalinity as NH ₃	% (m/m)	-	0.2	ISO 22241-2 Annex D
Biuret	% (m/m)	-	0.3	ISO 22241-2 Annex E
Aldehydes	mg/kg	-	5	ISO 22241-2 Annex F
Insoluble matter	mg/kg	-	20	ISO 22241-2 Annex G
Phosphate (PO ₄)	mg/kg	-	0.5	ISO 22241-2 Annex H
Calcium	mg/kg	-	0.5	ISO 22241-2 Annex I
Iron	mg/kg	-	0.5	
Copper	mg/kg	-	0.2	
Zinc	mg/kg	-	0.2	
Chromium	mg/kg	-	0.2	
Nickel	mg/kg	-	0.2	
Aluminum	mg/kg	-	0.5	
Magnesium	mg/kg	-	0.5	
Sodium	mg/kg	-	0.5	
Potassium	mg/kg	-	0.5	
Identity	-	identical to reference		