

Typical Chemical & Physical Properties

32.5% Aqueous Urea Solution
DeNOx Grade

Description: Urea Solution, AUS 32, is a manufactured product of technically pure urea mixed with demin water designed to meet the Specification of DIN 7007:2005 and ISO 22241-1:2006 for NOx abatement technologies.

Parameter	TYPICAL
Urea Concentration	32.5 +/- 0.7%
Specific Gravity at 20 Degrees C	1.087 - 1.093 kg/m3
Refractive Index at 20 Degrees C	1.3814 - 1.3843
Free Ammonia (alkalinity)	0.2% max
Biuret	0.3% max
Formaldehyde	Meets or Exceeds ISO 22241 Spec
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



for questions or to request more information
about Diesel Exhaust Fluid (DEF) Call 888.924.5087