




Diesel Exhaust Fluid (DEF)

Description: For use in all vehicles with Selective Catalytic Reduction (SCR) systems. Product is manufactured with technically pure urea and de-ionized water, meeting water grade 3 of ISO 3696, all 18 parameters of ISO 22241 and DIN 7007:2005 standards.



Typical & Physical Properties

| Parameters | Typical | Product Available In: |
|----------------------------------|---------------------------------|---|
| Urea Concentration | 32.5 +/- 0.7% |  <p>55 Gallon (208.2 Liter) Drums</p> |
| Specific Gravity at 20 Degrees C | 1.087 - 1.093 | |
| Refractive Index at 20 Degrees C | 1.3814 - 1.3843 | |
| Free Ammonia (alkalinity) | 0.2% max |  <p>330 Gallon (1,249.2 Liter) Tote</p>  <p>Mini-Bulk & Bulk</p> |
| 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 | |
| Water Quality | EMIN - ISO 3696 Applicable | |