



PRISTA® AdBlue

AUTO FLUIDS

Description and application

AdBlue (AUS 32 ISO 22241) is a high-quality solution of urea (32,5%) in demineralized water. It is specially developed for application in diesel engines using SCR technology. This technology (selective catalytic reduction) reduces hazardous emissions (NOx). When injecting AdBlue in the SCR catalytic converter, all hazardous nitrogen oxides (NOx) are instantly broken down to harmless nitrogen and water. AdBlue is designed for use in passenger cars, trucks, busses, agricultural vehicles, and off-road vehicles, meeting the requirements of Euro VI emissions standards and older SCR-equipped vehicles. Always check your user's manual to make sure you need to use AdBlue.

Specifications

| | |
|-----|---------|
| ISO | 22241-1 |
| DIN | 70070 |

Typical physicochemical characteristics

| Parameter | Unit | Limits | Test method |
|-------------------------------|-------------------|-----------------|---------------------|
| Urea Content | weight % | 31.8 – 33.2 | ISO 22241-2 Annex C |
| Alkalinity as NH ₃ | % | max 0.2 | ISO 22241-2 Annex D |
| Biuret | % | max 0.3 | ISO 22241-2 Annex E |
| Formaldehyde | mg/Kg | max 5 | ISO 22241-2 Annex F |
| Insolubles | mg/Kg | max 20 | ISO 22241-2 Annex G |
| Phosphates (PO ₄) | mg/Kg | max 0.5 | ISO 22241-2 Annex H |
| Calcium | mg/Kg | max 0.5 | ISO 22241-2 Annex I |
| Iron | mg/Kg | max 0.5 | ISO 22241-2 Annex I |
| Copper | mg/Kg | max 0.2 | ISO 22241-2 Annex I |
| Zinc | mg/Kg | max 0.2 | ISO 22241-2 Annex I |
| Chromium | mg/Kg | max 0.2 | ISO 22241-2 Annex I |
| Nickel | mg/Kg | max 0.2 | ISO 22241-2 Annex I |
| Aluminium | mg/Kg | max 0.5 | ISO 22241-2 Annex I |
| Magnesium | mg/Kg | max 0.5 | ISO 22241-2 Annex I |
| Sodium | mg/Kg | max 0.5 | ISO 22241-2 Annex I |
| Potassium | mg/Kg | max 0.5 | ISO 22241-2 Annex I |
| Density at 20°C | g/cm ³ | 1.0900 | ISO 3675/ ISO 12185 |
| Refractive Index at 20°C | | 1.3814 – 1.3843 | ISO 22241-2 Annex C |

Safety, Storage, and Transportation

Follow the instructions and requirements for use and storage given in the product's MSDS. The shelf life of the product is 18 months when stored in closed areas and at temperatures up to 25°C. For more information about the product's MSDS, terms, and conditions for storage and shelf life, please visit www.prista-oil.com