



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