

Goldenstone® AdBlue

Technical Data Sheet (TDS)

AUTOMOTIVE FLUID

Description and Application

AdBlue is a high-quality solution, especially developed for the automotive SCR catalytic converter. By injecting **AdBlue** into the SCR catalytic converter, all harmful nitrogen oxides (NOx) are immediately reduced into harmless nitrogen and water. It is only by using **AdBlue** that this catalytic conversion has the optimal effect. **AdBlue** has been prescribed by the heavy duty vehicle manufacturers.

Specifications

ISO	22241-1
DIN	70070

Typical Characteristics

Parameter	Unit	Limits	Test method
Urea Content	weight %	31.8 – 33.2	ISO 22241-2 Annex B/C
pH-value (10% HS-solution)		max 10	
Alkalinity as NH ₃	%	max 0.2	ISO 22241-2 Annex D
Carbonate as CO ₂	%	max 0.2	
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
Phosphate (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
Zink	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
Aluminum	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	1.0870 – 1.0930	ISO 3675/ ISO 12185
Refractive index at 20°C		1.3817 – 1.3840	ISO 22241-2 Annex C

Health, Safety and Handling

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.goldenstoneoils.com