

# AUS32 (AdBlue®) Specifications as per ISO22241

Product Properties for AdBlue® as per the revised ISO22241 standard. All copies of the standards are available to purchase from [ISO.org](http://ISO.org)

Urea 32,5 % (approximate) solution dissolved within deionised water. As required by SCR equipped vehicles under the provisions of Emissions standards Euro IV (Euro4), Euro V (Euro5) & Euro VI (Euro6).

	Min	Max	
Urea Content	31.8	33.2	% by weight
Density at 20°C	1.0870	1.0930	g/cm <sup>3</sup>
Refracting Index at 20°C	1.3814	1.3843	
Alkalinity as NH <sub>3</sub>		0.2	%
Biuret		0.3	%
Aldehyde		5	mg/kg
Insolubles		20	mg/kg
Phosphate (PO <sub>4</sub> )		0.5	mg/kg
Calcium		0.5	mg/kg
Iron		0.5	mg/kg
Copper		0.2	mg/kg
Zinc		0.2	mg/kg
Chromium		0.2	mg/kg
Nickel		0.2	mg/kg
Aluminium		0.5	mg/kg
Magnesium		0.5	mg/kg
Sodium		0.5	mg/kg
Potassium		0.5	mg/kg

## Sections:

ISO22241-1 : 2006 (quality standard)

Diesel engines -- NOx reduction agent AUS 32 -- Part 1: Quality requirements

ISO22241-2 : 2006/8 (quality standard)

Diesel engines -- NOx reduction agent AUS 32 -- Part 2: Test methods

ISO22241-3 : 2008 (quality standard)

Diesel engines -- NOx reduction agent AUS 32 -- Part 3: Handling, Transportation & Storage

ISO22241-4 : 2009 (quality standard)  
Diesel engines -- NOx reduction agent AUS 32 -- Part 4: Refilling Interface

**Revised:**

ISO22241-2 revised 2008

Limits for AdBlue as specified within ISO 22241, for more information, please visit [ISO.org](http://ISO.org) & <http://en.wikipedia.org/wiki/AdBlue>

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[www.vda.de](http://www.vda.de)