

ADBLUE

AdBlue is the registered trademark for AUS32, or Aqueous Urea Solution 32.5% that is used with the Selective Catalytic Reduction system (SCR) to reduce emissions of oxides of nitrogen from the exhaust of diesel vehicles. The name has been trademarked by Germany's Association of the Automotive Industry and is a marketing term for Diesel Exhaust Fluid. Car manufacturers are governed by various rules, and increasingly these are driven by environmental concerns. The latest emissions regulations, referred to as Euro 6, came into force in 2016 and represented a particular challenge for the development of diesel engines. Much of this required new ways to minimise nitrogen-oxide emissions. AdBlue is a consumable for diesel-engined vehicles worldwide, and is injected into the SCR catalyst to break down soot and unburnt fuel into water and nitrogen. Both elements are harmless once they exit the exhaust system of the vehicles that generated them.



AdBlue Specifications vary from each producer to other, but there are general aspects to understand the quality of the product demonstrated in the below table:

AdBlue General Specifications	
Properties	Acceptable Limit
Appearance	Clear liquid colorless
Density (at 20 °C)	1089 kg / m ³
Thermal conductivity (at 25 °C)	0.570 W / m · K
Crystallization temperature (°C)	-11.5 ° C
Viscosity (at 25 °C)	1 / 4 mPa · s
Special heat (at 25 °C)	3.40 kJ / kg · K
Surface tension (at 20 °C)	At least 65 mN / m

Available Packaging	
Package Type	Quantity
PE Canister	20 Lit
PE Drum	208 Lit
IBC	1000 Lit



Zista Group supplies different grades of AdBlue worldwide while guarantying the aspects of quality for each shipment. The steady supply of AdBlue by Zista Group is direct from certified refineries from Iran.

For more information please do not hesitate to contact us; info@zistalube.com