

PRODUCT INFORMATION



AdBlue

Characteristics

AdBlue is a non-toxic aqueous solution of urea, which chemically reduces NOx emissions from heavy-duty diesel vehicles. AdBlue is neither explosive or environmentally harmful.

AdBlue meets the ISO 22241 standard and comply with the CEFIC regulations to ensure that your vehicle's SCR system is working properly.

What is SCR technology?

SCR stands for Selective Catalytic Reduction, which means that only NOx and no other nitrogen compounds (therefore SCR selective) is reduced to elemental nitrogen and water in a specially designed catalyst. Most European automakers have decided to use this technology to meet the new emission legislation - Euro 4 , 5 and 6.

The main components of the SCR system are the SCR catalyst, the AdBlue injektorenheden, AdBlue tank and the AdBlue dosing control unit. The harmful NOx in the exhaust gas is converted to harmless elemental nitrogen and water. This happens when NOx reacts inside the catalyst with the urea in the AdBlue.

Consumption

It is expected that the average AdBlue consumption will be about 5% of diesel consumption for Euro 4 and about 6% for Euro 5 and 6. This corresponds to an AdBlue consumption of about 1.7 liters/ 100 km by road.

Uno-X offers two qualities of Adblue: Standard AdBlue and AdBlue Optispray

AdBlue Optispray is specially designed for engines running on low or intermediate load (like some off-road or agricultural applications, city busses, garbage trucks), where deposits may build up in the SCR system. AdBlue Optispray contains a surfactant additive that prevents the deposit formation.

NB

AdBlue must under no circumstances get in the diesel tank. If AdBlue accidentally comes in the diesel tank, the advice is: Do not start the engine and get the fuel tank cleaned.

Adblue's freezing point is -11°C

Typichal data

Urea-concentration	wt %	32,5
Density at 20°C,	g/cm ³	1,09

Safety: See Material Safety Data Sheet for the product.

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