

What is AdBlue®?

AdBlue® is a colourless, synthetically produced 32.5% solution of very pure urea in demineralised water. AdBlue® is non-toxic. You can use any brand of AdBlue® in your car or van, provided it conforms to ISO 22241-1.

Which vehicles require AdBlue®?

AdBlue® is used to help treat the exhaust in diesel cars or vans that are equipped with SCR emission control technology.

What should you watch out for when buying AdBlue®?

Use only branded AdBlue® that is correctly marked and labelled. AdBlue® available at filling stations and from sealed containers should always display the AdBlue® logo.

The quality of AdBlue® is specified by ISO standard 22241-1.

Where can I obtain AdBlue®?

AdBlue® is already available at many European filling stations, vehicle dealers, repairers and motor vehicle accessory stores. If necessary, the local dealer for your make of car will be able to name additional sources of AdBlue®.

Example of refilling with AdBlue® bottle or can:



ACEA

European Automobile
Manufacturers' Association

85 Avenue des Nerviens
1040 Brussels – Belgium

Important:

- AdBlue® is NOT a fuel additive. It is for this reason that the vehicle has a separate AdBlue® tank.
- If you put AdBlue® in your fuel tank by mistake, please do not start the engine but ask a garage for help.
- Put only AdBlue® in the AdBlue® tank. Do not fill the AdBlue® tank with any other liquids!
- Avoid contamination of the AdBlue® and do not mix with other liquids.
- If AdBlue® is spilt, wipe it off and rinse with soapy water.

AdBlue® is a registered trade mark
of the Verband der Automobilindustrie e. V. (VDA).
For further information see www.vda.de/adblue or
<http://www.acea.be/news/article/diesel-exhaust-fluid-adblue>

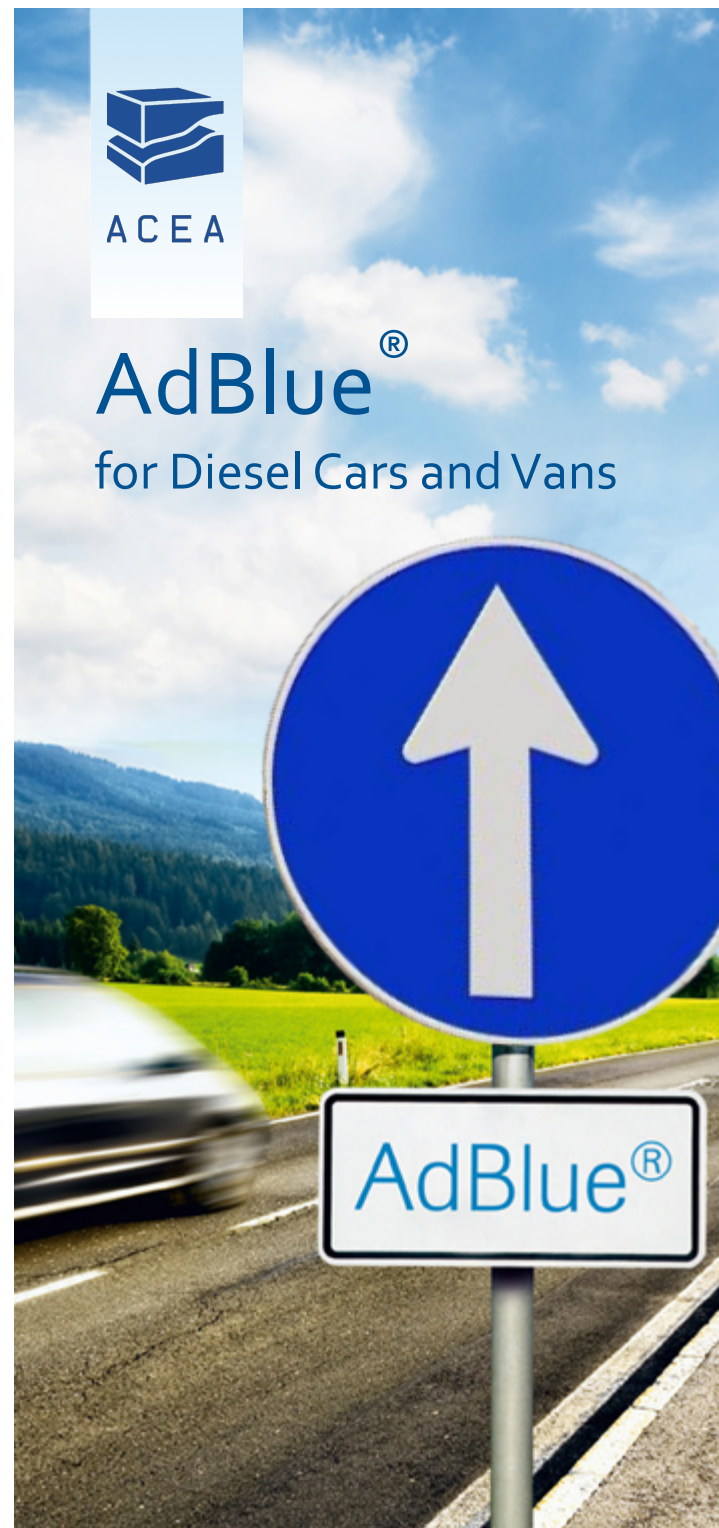


ACEA

AdBlue® for Diesel Cars and Vans



AdBlue®



When do I have to fill up with AdBlue®?

The AdBlue® tank must not be allowed to run to empty. European legislation requires that the vehicle monitors the level of AdBlue® in the tank and the multi-function dashboard display will escalate a warning to the driver and well in advance if AdBlue® should be added. If the AdBlue® tank is empty, measures are in place to prevent the engine from being started.



Example of escalating dashboard warning for AdBlue® refill

Where do I find the AdBlue® filler on the vehicle?

The filler cap for the AdBlue® tank is located either directly adjacent to the fuel filler under the fuel flap, in the vehicle luggage compartment (e.g. in the spare wheel well) or in the engine compartment.

The position of the AdBlue® tank within the vehicle varies between manufacturers and models. Be sure to follow the vehicle manufacturer's instructions when refilling and using AdBlue®.



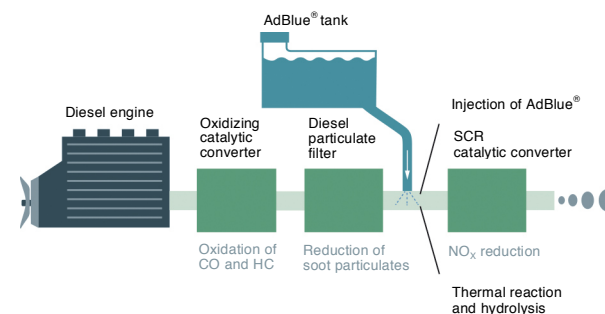
Why is AdBlue® necessary?

Reducing exhaust emissions is a major challenge for the automobile industry. Forthcoming exhaust emission standards will require – alongside reductions in CO₂ – further reductions in nitrogen oxides (NO_x) in particular.

For this purpose a new generation of catalytic converters has been developed for diesel engines, called SCR catalytic converters (SCR means "Selective Catalytic Reduction"). Inside the SCR catalytic converter NO_x emissions are converted into harmless water vapour and nitrogen with the aid of the injected AdBlue®. This brings down the amount of NO_x emitted from the tailpipe by up to 90% and leads to improved air quality. In this way the SCR technology enables a vehicle to satisfy the stringent Euro 6 emission standard.

The benefits of SCR technology

- Improved air quality.
- Diesel engines designed for optimised fuel economy and lower CO₂ emissions.
- Efficient and highly effective NO_x exhaust after-treatment.
- Ensures your diesel vehicle meets the latest Euro emission standards.



Example of a clean diesel with SCR technology for NO_x exhaust after-treatment. An efficient system for reducing NO_x emissions while also optimising for CO₂ emissions.