



# PRODUCT INFORMATION

## ADBLUE PUMPS

- Reliable performance: Thanks to their strong resistance to vibrations and temperature fluctuations, they consistently deliver precise dosing.
- Satisfied customers: With high product quality and the continuous expansion of the Hella portfolio, you secure long-term customer loyalty.
- Wide range: Our extensive range offers you as a wholesaler a comprehensive selection of products from a single source, helping to make your business as simple and successful as possible.
- Quick and easy installation: Hella AdBlue pumps are specifically developed for the needs of the commercial vehicle market and enable fast and straightforward integration into existing systems.

## PRODUCT FEATURES

AdBlue pumps are an indispensable component in diesel vehicles with SCR technology (Selective Catalytic Reduction) and play a key role in reducing harmful emissions. Hella offers high-quality, durable, and reliable AdBlue pumps, specifically designed to meet the demands of the wholesale market. With Hella AdBlue pumps, you provide your customers with solutions that ensure long-term customer satisfaction.

### How do Hella AdBlue pumps work?

AdBlue is a specially developed urea solution used in diesel vehicles to reduce pollutant emissions. This solution is a key component of SCR technology (Selective Catalytic Reduction), which is used in the exhaust aftertreatment of modern diesel engines.

The AdBlue pump transports the AdBlue solution from the tank to the injection pipe in the exhaust system. In addition to an electric motor that drives the pump mechanism, it consists of a diaphragm, a filter, a heating element, a housing, and a pressure sensor that ensures a constant supply of the correct amount of AdBlue.

- Precise dosage: Hella AdBlue pumps ensure even pressure and optimal dosing of the AdBlue solution.
- Durable construction: The electric motor, diaphragm, pressure sensor, filter, heating element, and robust housing provide maximum reliability.
- Protection against damage: Corrosion-resistant materials prevent damage caused by impurities and extend the lifespan.

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## Why should AdBlue pumps be replaced?

The AdBlue pump should be regularly maintained and replaced if necessary to ensure the proper function of the exhaust aftertreatment system. Several factors can lead to premature wear or damage to the pump.

- Contaminations: AdBlue solution contaminated with fuel or dirt can cause blockages and damage to the pump.
- Crystallization: Incomplete purge cycles when switching off the vehicle can lead to crystallization and pump damage.
- Wear and tear: Mechanical wear or electrical issues will eventually cause the pump to fail.

