

## BLUEPOWER

**BLUEPOWER** is an extremely pure solution, especially developed for the diesel engines with a SCR system. It is injected into exhaust gas to reduce harmful NO<sub>x</sub> emissions and meet the Euro 5 and Euro 6 emission standards.

Chemical compounds of;

**BLUEPOWER** is a solution of urea in demineralized water. **BLUEPOWER** is produced according to ISO standards. This ensures the highest quality of **BLUEPOWER**.

**BLUEPOWER** contains approximately 32,5% urea and is also known as AUS 32 ((NH<sub>2</sub>)<sub>2</sub>CO).

How does it work?

**BLUEPOWER** reduces harmful emissions through a chemical reaction in the SCR exhaust system. This chemical reaction occurs when **BLUEPOWER** is injected into exhaust gas inside the catalyst of the diesel engine. Untreated exhaust gasses contain nitrogen oxides (NO<sub>x</sub>) which are a major air pollutant.

**BLUEPOWER** is especially used to reduce emission of this pollutant.

**BLUEPOWER** meets the following performance criteria:

DIN 70070

ISO 22241-1

### Typical Analysis

Properties	Unit	Method	Typical Value
Colour		Visual	Colourless
Density @20 °C	kg/m <sup>3</sup>		1090
UREA Content	%Wt		31.8 - 33.2
pH (10% HS-Solution), max			10
Refractive Index @20 °C			1.3814 - 1.3843
Alkalinity as NH <sub>3</sub> , max	%Wt		0.2
Freezing point	°C		-11
Boiling Point	°C		100
Insoluble matter, max	mg/kg		20
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