

MITANOL AdBlue[®]

Aqueous urea solution

Properties

- MITANOL AdBlue[®] is a high-purity NO_x reducing agent for diesel engines equipped with SCR technology.
- SCR technology (selective catalytic reduction) is based on a catalytic reaction in which harmful nitrogen oxides are reduced to the harmless substances nitrogen and water by means of a reducing agent (AdBlue).

Application notes

- SCR technology is used to implement the EURO 4, 5 and EURO 6 exhaust emission standards in order to offer a future-proof drive concept in terms of economy, performance and environmental compatibility.
- MITANOL AdBlue[®] has a shelf life of up to 36 months in sealed containers at storage temperatures of max. 30 °C (average 20 °C).

Service description

Specifications:

- DIN 70070
- ISO 22241
- AUS 32 (CEFIC)

	min.	max,	Unit
Urea	31.8	33.2	Weight-%
Thickness at 20°C	1.0870	1.0930	g/cm ³
Refractive index at 20°C	1.3814	1.3843	
Alkalinity as NH ₃		≤ 0.1	Weight-%
Biuret		≤ 0.3	Weight-%
Aldehyde		≤ 5	mg/kg
Insoluble		≤ 20	mg/kg
Phosphate (PO ₄)		≤ 0.5	mg/kg
Calcium		≤ 0.5	mg/kg
Iron		≤ 0.5	mg/kg
Copper		≤ 0.2	mg/kg
Zinc		≤ 0.2	mg/kg
Chrome		≤ 0.2	mg/kg
Nickel		≤ 0.2	mg/kg
Aluminium		≤ 0.5	mg/kg
Magnesium		≤ 0.5	mg/kg
Sodium		≤ 0.5	mg/kg
Potassium		≤ 0.5	mg/kg

* meets the requirements of the OEM manufacturer.
 The stated values may vary within the usual commercial range.