



PETROMIN Petro Blue 32% is a premium-grade 32% aqueous urea solution (AUS 32) formulated for use in Selective Catalytic Reduction (SCR) system in diesel engine powertrains. It serves as a NOx reduction agent, enabling effective control of nitrogen oxide emissions in exhaust gas treatment. The product is engineered to deliver consistent performance and reliability in heavy-duty diesel SCR applications.

## Benefits

- Efficient NOx emission reduction.
- Reliable performance in marine SCR systems.
- Consistent quality for optimal engine protection.
- Support environmental compliance.

## Applications

- As a Diesel Exhaust Fluid (DEF) in Selective Catalytic Reduction (SCR) systems in all diesel powertrains.

## Product Characteristics

Properties	Test Method	Unit	Petro Blue 32%
Density @ 20 °C	ISO 3675	kg/L	1.0892
Urea Content	ISO 22241-2 Annex B	% (m/m)	31.8 – 33.2
Refractive Index @ 20 °C	ISO 22241-2 Annex C	-	1.3814 – 1.3843
Alkalinity NH <sub>3</sub> , max.	ISO 22241-2 Annex D	% (m/m)	0.2
Biuret, max.	ISO 22241-2 Annex E	% (m/m)	0.3
<i>Product Code</i>			<i>435000</i>

## Storage Recommendations

- To prevent solidification, storage below -5°C should be avoided.
- To prevent decomposition of the urea, storage above 30°C should be avoided.
- Avoid direct sunlight and prolonged exposure to high temperatures.
- Ensure containers are sealed, or if vented are fitted with filters to prevent contamination.

\* Information, test methods, figures are typical and conform to specification; minor variation may occur.

\* Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.

\* Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

