

Product	SINOPEC Galance Aqueous Urea Solution AUS 32
Summary	Product description SINOPEC Galance Aqueous Urea Solution AUS 32 is formulated using high purity urea and water. This product is a 32.5% solution designed for use in diesel engines with SCR technology. It is clear, non-toxic and safe to handle.

Applications

SINOPEC Galance Aqueous Urea Solution AUS 32 is suitable for use in:

- Heavy commercial vehicle using SCR system to comply with Euro 5 and 6.
- Diesel engines with SCR technology.

Features and benefits

- Clear, non-toxic and safe to handle.
- Strict alkalinity control , ensure the service life of the product
- Ultra-low metallic content , avoid catalyst poisoning, effectively extending the life of the SCR system
- Ultra-low biuret、 phosphate and aldehydes content , avoid blockage of the catalyst pores and nozzle , effective protection the SCR injection system
- Reducing the emissions of NOx and the fuel consumption with SCR technology

Product Data Sheet

Typical data

SINOPEC Galance Aqueous Urea Solution AUS 32	
Urea content,%(m/m)	32.4
Density at 20°C,kg/m ³	1090.0
Refractive index at 20°C	1.3828
Alkalinity as NH ₃ ,%(m/m)	0.01
Biuret,%(m/m)	0.21
Aldehydes, mg/kg	0.2
Insoluble matter, mg/kg	5.6
Phosphate (PO ₄),mg/kg	0.2
Calcium, mg/kg	0.0
Iron, mg/kg	0.0
Copper, mg/kg	0.0
Zinc, mg/kg	0.0
Chromium, mg/kg	0.0
Nickel, mg/kg	0.0
Aluminium, mg/kg	0.0
Magnesium, mg/kg	0.0
Sodium, mg/kg	0.2
Potassium, mg/kg	0.1
Identity	Yes

These data are given as an indication of typical values and not as exact specifications.

Product Data Sheet

Industry and OEM specifications

SINOPEC Galance Aqueous Urea Solution AUS 32 meets the performance requirements of the following industry specifications:	
ISO	22241
DIN V	70070
JIS	2247
BS ISO	22241

SINOPEC Galance Aqueous Urea Solution AUS 32 holds the following formal OEM approvals:
XCMG Group
Shanghai Diesel Engine Co., Ltd
Zoomlion Heavy Industry Science & Technology Co. Ltd
Xiamen King Long United Automotive Industry Co., Ltd

Accuracy of information

Data provided in this PDS is typical and subject to change as a result of continuing product research and development. The information given was correct at the time of printing. The typical values given are subject to variations in the testing procedures and the manufacturing process may also result in slight variations. Sinopec guarantees that its lubricants meet any industry and OEM specifications referred to on this data sheet.

Sinopec cannot be held responsible for any deterioration in the product due to incorrect storage or handling. Information on best practice is available from your local distributor.

Product and environmental safety

This product should not cause any health problems when used in the applications suggested and when the guidance provided in the Material Safety Data Sheet (MSDS) is followed. Please consult the MSDS for more detailed advice on handling; MSDS are available from your local distributor. Do not use the product in applications other than those suggested.

As with all products, please take care to avoid environmental contamination when disposing of this product. Used oil should be sent for reclamation/recycling or, if not possible, must be disposed of according to relevant government/authority regulations.

The SINOPEC trademark is registered and protected in Australia.

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