Product Data Sheet

Lubricant Specialists Australia

LSA BLUESOL (ADBLUE)

LSA Bluesol is a solution consisting of high purity urea 32.5%, used in modern diesel engines which are equipped with an SCR.

It is injected into the exhaust gases as a post combustion process through an SCR where it breaks harmful NOx (Nitrous Oxide) emissions down into mostly Nitrogen and Oxygen.

LSA Bluesol helps the environment by reducing the number of harmful emissions created by diesel engines and it helps fleet operators reduce fuel costs.

This product is susceptible to contamination and it can react to a wide number of materials it may come into contact with. To prolong the life expectancy of your SCR it is imperative for LSA Bluesol to be handled correctly and used in accordance with equipment manufacturer recommendations.

A typical shelf life of 6 – 12 months applies, with longer being marginally possible in perfect storage conditions.

LSA Bluesol in storage should not be allowed to drop below -11^{0}C and not exceed +30^{0}C as the quality of the solution can be compromised by storage temperature extremes.

Meets the following key specification requirements:

- DIN 70070
- AUS 32
- ISO 22241
- Manufactured with ISO 9001:2008

TYPICAL CHARACTERISTICS

Properties	Unit	Value
Urea Content	% by weight	32.5
Specific Gravity @ 20^{0}C	g/cm3	1.090
Viscosity @ 25C	cSt	1.4
Refracting Index @ 20^{0}C		1.38
Alkalinity as NH3	%	0.2
Biuret	%	0.3
Aldehyde	mg/kg	5
Insolubles	mg/kg	20
Phosphate (PO4)	mg/kg	0.5
Calcium	mg/kg	0.5
Iron	mg/kg	0.5
Copper	mg/kg	0.2
Zinc	mg/kg	0.2
Chromium	mg/kg	0.2
Nickel	mg/kg	0.2
Aluminium	mg/kg	0.5
Magnesium	mg/kg	0.5
Sodium	mg/kg	0.5
Potassium	mg/kg	0.5

The above data is typical and does not constitute a specification.

Packs **1000 litre**
205 litre
20 litre

Lubricant Specialists Australia
Unit 2, 1110 Abernethy Road
High Wycombe WA 6057
Australia
Tel: +618 6254 7777