

ISO 22241 Specifications Of AdBlue®

Parameter	Unit	Minimum Value	Maximum Value
Appearance	–	Colourless liquid with a slight ammonia odour	
Freezing point	°C	-11°C	-11°C
Boiling point	°C	100°C	100°C
Basicity	pH	9	10
Water solubility	g/l	100	
Viscosity at 20°C	mPa.s	1.4	1.4
Urea Content	%	31.8	33.2
Density at 20°C	g/cm3	1.087	1.093
Refracting index at 20°C	–	1.3814	1.3843
Alkalinity as NH3	%	–	0.2
Biuret	%	–	0.3
Insolubles	mg/kg	–	20
Aldehyde	mg/kg	–	5
Phosphate (PO4-3)	mg/kg	–	0.5
Calcium	mg/kg	–	0.5
Iron	mg/kg	–	0.5
Aluminium	mg/kg	–	0.5
Magnesium	mg/kg	–	0.5
Sodium	mg/kg	–	0.5
Potassium	mg/kg	–	0.5
Copper	mg/kg	–	0.2
Zinc	mg/kg	–	0.2
Chromium	mg/kg	–	0.2
Nickel	mg/kg	–	0.2

What Do We Offer?

- White Diesel
  - Kerosene Oil
  - HVO Fuel
  - Biodiesel
  - CHP Biofuel
  - Home Heating Oil
  - Ancillary Products
  - Red Diesel
  - FAME Biodiesel
  - Industrial Lubricants
- Industrial Heating Oil
  - Carbon Offset Red Diesel
  - Marine Lubricants
  - Industrial Lubricants
  - Marine Gas Oil
  - Marine Diesel Oil
  - Hydraulic Oil
  - Premium Paraffin
  - Peat Briquettes
  - AdBlue

Our Services

- Emergency Oil Delivery
  - Environmental Services
  - Fuel Management
  - Fuel Polishing
  - Fuel Uplift Service
  - Fuel Monitoring
  - Nationwide Fuel Delivery
  - Fuel Tank Telemetry
- Oil Tank Installation
  - Domestic Oil Tank Removal
  - Industrial Tank Cleaning
  - Marine Tank Cleaning
  - Oil Tank Replacement
  - Oil Tank Cleaning
  - Tank Inspection
  - Tank Decommissioning
- Diesel Fuel Tank Cleaning
  - Fuel Tank Telemetry
  - Construction Site Fuel Delivery
  - Technical Support
  - Priority Contracts
  - Waste Oil Collection
  - Fuel Pump Repair
  - Fuel Testing

About 123 Oil

123 Oil has a staggering experience of over 5 decades in delivering top-of-the-market fuel and oil related services to its clients. We stand apart from our competitors due to:

- Diverse and exceptional services
- Expert and knowledgeable team
- Agile and efficient logistics
- Fair and competitive prices
- Honest and clear communication