

SH AdBlu

Diesel Exhaust Fluid



Product Description:

Sharlu SH AdBlu is a high-quality, urea-based, diesel exhaust fluid (DEF) that is designed to reduce air pollution created by diesel engines. It is an environmentally friendly, cost-effective, and easy-to-use solution that can help diesel engine owners comply with emission standards and improve engine efficiency.

Main Benefits:

- ❖ **Environmentally friendly:** The product is not flammable, non-polluting and non-toxic. It significantly reduces the amount of harmful pollutants released into the environment by diesel engines.
- ❖ **Cost-effective:** It is a cost-effective solution that can help diesel engine owners reduce their overall operating costs.
- ❖ **Easy to use:** It is easy to use and can be easily refilled into the diesel engine's separate AdBlu tank.
- ❖ **Improves engine efficiency:** By reducing the amount of NO_x released into the atmosphere, the product can help improve engine efficiency and extend the lifespan of the SCR catalyst.
- ❖ **Compliant with emission standards:** Enabling diesel vehicles to meet ever tightening emission regulations such as Euro 4, 5 & 6.

Application:

Sharlu SH AdBlu is for use in diesel engines equipped with Selective Catalytic Reduction (SCR) technology. It significantly reduces harmful gases of nitrogen oxide being released into the atmosphere by diesel engines. The solution is injected from vehicle separate AdBlu tank into vehicle exhaust gas stream. Downstream in the SCR catalytic converter, ammonia is released and then converts the harmful nitrogen oxide (NO_x) into harmless nitrogen (N₂) and water (H₂O).



Test Item	Min	Max	Result
Urea Content, %m/m	31,8	33,2	32,5
Density @20 °C	1,087	1,093	1,09
Refractive index @20 °C	1,3814	1,3843	1,3829
Alkalinity as NH3 %m/m	-	0,2	<0,01
Biuret, %m/m	-	0,3	0,17
Aldehydes, mg/kg	-	5	0,11
Insolubles, mg/kg	-	20	0,86
Phosphate (PO4), mg/kg	-	0,5	<0,1
Calcium, mg/kg	-	0,5	<0,01
Iron, mg/kg	-	0,5	<0,01
Copper ,mg/kg	-	0,2	<0,01
Zinc ,mg/kg	-	0,2	<0,01
Chromium, mg/kg	-	0,2	<0,01
Nickel, mg/kg	-	0,2	<0,01
Aluminium, mg/kg	-	0,5	<0,01
Magnesium, mg/kg	-	0,5	<0,01
Sodium, mg/kg	-	0,5	<0,01
Potassium, mg/kg	-	0,5	<0,01

Storage and Handling: The product should be stored in a cool, dry, and wellventilated area, away from direct sunlight and heat sources. The product should be handled with care to avoid contamination with fuel, oil, dirt or dust. Any product spills should be cleaned up immediately using water. The product should be stored in its original container, and the container should be tightly sealed when not in use. **Safety:** The product is non-toxic, non-polluting, and non-hazardous. However, it is recommended to wear protective gloves and safety glasses when handling the product to avoid skin and eye contact. In case of skin or eye contact, wash the affected area with plenty of water and seek medical attention if necessary. The product should not be ingested