

INFO

AdBlue

HANDLING



Foto: Lars Malm 201811
79008-115 AdBlue-UK rev 1



SUPERIOR PERFORMANCE

- What is AdBlue? ■ How much AdBlue will I need?
- Is AdBlue toxic? ■ Is contamination a concern?
- Are there recommendations for dispensing?





What is AdBlue?

A clear, non-toxic, non-hazardous liquid that does not pollute the environment. AdBlue is a precisely mixed solution of 32.5% high purity chemical grade urea and 67.5% de-ionized water. The liquid is manufactured according to DIN 70070 and ISO 22241 standards.

Fill AdBlue into the intended tank.

Is contamination a concern?

Yes, AdBlue cleanliness is extremely important as contaminants can degrade the life of AdBlue and SCR system components.

Several points to consider are:

1. Clean the fill area prior to refilling
2. Avoid transfer containers when possible.
3. If transfer containers are used, keep the container clean and dedicated for AdBlue.

Poor handling practices will contaminate the AdBlue supply and potentially lead to fault codes and emission system failures.

Improper handling of AdBlue is not covered by any guarantee.

Accessories for AdBlue handling.

Ljungby Maskin has a number of accessories for handling AdBlue.

Pump to AdBlue fluid with hose for mounting on IBC plastic container.

Art.nr 900501-27

Filling handle with magnetic lock.

Art.nr 900501-26

Suction tube for 1000 liter [1.0 cubic meter] IBC plastic container.

Art.nr 900501-28

AdBlue is preferably purchased from a local supplier. In case of less consumption, the same type of container should be used, but filling of AdBlue is done in a smaller amount.



Art.nr 900501-27



Art.nr 900501-26



Art.nr 900501-28



How much AdBlue will I need?

On Ljungby products equipped with a SCR system, AdBlue consumption is approximately 4-10 % of fuel consumption.

Is it toxic or flammable?

AdBlue is not considered toxic or dangerous. If you spill AdBlue on your hands, it is enough to wash your hands thoroughly. Do you spill on your vehicle or on painted surfaces. Surfaces should be wiped clean and rinsed with water.

Is AdBlue cold-resistant?

AdBlue freezes at -11°C , but can be used again when the solution has thawed.








Normal temperature during use is $+25^{\circ}\text{C}$ down to -9°C .

Store AdBlue?

AdBlue should be stored in a cool, dry, well-ventilated area.

The ideal storage temperature is $+25^{\circ}\text{C}$ ner till -9°C .

It should not be exposed to direct sunlight for long periods of time as the urea will decompose.

-  Do not use any other fluid in the DEF tank, such as diesel fuel, water, antifreeze, beverages, etc.
-  Do not make your own AdBlue solution. AdBlue must meet the ISO 22241-1 standard to prevent potential SCR system damage.
-  Do not use incorrect dispensing materials, such as metal funnels, steel transfer containers, incorrect pumps, steel fittings, etc. Only use materials specifically designed for AdBlue.
-  Do not use contaminated transfer containers. Only use clean containers that are dedicated for AdBlue.
-  Do not fill the AdBlue tank without first cleaning the fill area
-  Do not store AdBlue in direct sunlight or in high ambient temperatures.
-  Do not operate your Ljungby requiring AdBlue with an empty AdBlue tank. Always fill the AdBlue tank when refueling the loader. Don't overfill!





SUPERIOR PERFORMANCE



Automatic door closers.



45 degree steering angle.



Best instep to the cabin on the market.



Electrically adjustable pedals for optimal driving position.

Superior Performance

Strong, Powerful, High-tech and Reliable Ljungby Wheel Loader gives our customers a unique product.

The world's smallest and best wheel loader manufacturer gives you as a customer a unique, good and custom product that you can earn for years

Contact your Ljungby seller for more information how to get together a Superior Performance machine for you.



LM Comfort (cab suspension). Our own Comfort System.



Free sight stand which gives you superior control over your gear and the area around the machine.

