



Frequently Asked Questions About AdBlue/DEF

What is the storage shelf life for AdBlue/DEF fluid?

The AdBlue/DEF can be stored for up to 12 months if the container has never been opened. If the container has been opened, the storage life is 6 months.

What happens when the AdBlue/DEF quality begins to deteriorate? What is the recommendation when the engine is not run for six months or longer?

If the engine is not operated for a longer duration of time, (e.g. 6 months) take precautions to ensure that the system is able to start when the engine is reactivated.

The procedure is to perform a normal afterrun and then keep the system tightly closed. If possible, close the tank ventilation to ensure little or no air exchange can happen during the downtime.

When the system is reactivated, it is recommended to change the AdBlue/DEF because of aging effects. Some quantity of the water in the DEF could change the concentration and crystallize. In addition, it is recommended to change the main filter element of the Supply Module.

What should be done to winterizing the SCR system and DEF/AdBlue tank?

Winterizing the SCR system and DEF/AdBlue tank:

1. Ensure that the after run of the SCR system works and completes its cycle before disconnecting the battery.
2. Remove filter and make sure housing area is flushed out well. The SCR system pumps any fluid in the lines back into tank after shutdown of the engine, so no need to flush lines.
3. Leave enough DEF in the tank to cover the inlet of the suction line. This will insure that the pump and lines remain full at all times to prevent the pump from cracking.
4. Close tank ventilation to minimize evaporation.

Spring:

1. Drain tank and flush with deionized water (distilled water).
2. Change and Flush DEF
3. Replace supply module filter

In extreme cold weather, the suction tubes for the DEF can crack causing no pressure to build or the heating tubes can be cracked causing coolant loss.

For extreme cold weather storage of equipment, AGCO recommends that the DEF tanks be drained. If the DEF tanks are drained for cold weather storage, this will protect the suction tubes and DEF heating tubes from freezing causing start-up problems.

It is also recommended, if the battery disconnect is used, to allow 5 minutes after shutting down the machine before disconnecting the battery. Using the battery disconnect too soon after shutting off the engine will not allow the circulation pump to remove the fluid from the DEF lines.

NOTE: Replace filter once a year or every 1200 hours.