



**Keep It Genuine.™**

# Diesel Exhaust Fluid **DEF**

## AGCO DEF Facts



### What is DEF used for?

DEF is used to meet January 2010 emission regulations which require diesel vehicles to significantly reduce harmful emissions and particulate matter. DEF is used to chemically reduce NOx emissions into harmless nitrogen and water through selective catalytic reduction (SCR) in which DEF is sprayed into the exhaust stream.



### What happens if a vehicle runs out of DEF?

Before the vehicle runs dry of DEF, the dashboard will alert the driver of a low tank. If the tank gets completely empty, the engine's speed is reduced, generally limiting the vehicle to 5mph. AGCO DEF is available in 2.5 gallon jugs easily stored inside any vehicle for emergency use.



### How much DEF will I use?

Fuel usage for most agriculture vehicles is estimated at 10 gallons/hour with a vehicle averaging roughly 1,000 gallons/year. DEF consumption is estimated at 3% of fuel consumption which would equate to an average use of 300 gallons of DEF per year. \*This is an estimate only and subject to change based on an individual basis.



### How do I store AGCO DEF?

DEF weighs 9.1 pounds per gallon and is compatible with certain stainless steels and plastic materials suitable for storing DEF. To prevent contamination, all DEF pumps and containers should never be used to store or haul any other material. All AGCO DEF equipment is certified and meets the highest standards in the industry.



### Is DEF harmful?

DEF is corrosive to some metals such as carbon steel, aluminum, copper and zinc, but DEF is non-toxic, non-hazardous and non-flammable. However, if spilled take standard precautions and wash areas of the skin or clothing with soap and water where DEF may have come in contact.



### What is the shelf life of AGCO DEF?

If stored in a cool, dry environment with the average temperature not exceeding 75F degrees, DEF should have a shelf life of approximately three years. DEF is subject to freezing and gelling in temperatures of 12F degrees or lower, however the integrity of the product will not be altered if this occurs.

Contact your AGCO Parts FPM or the AGCO Inside Sales Department for more information.

