

## **Bulk DEF Trailers**

The demand for Diesel Emission Fuel or DEF is growing rapidly for all diesel engines to meet EPA emission standards. One Clarion provides both large and small DEF tanker trailers for your transportation needs. Designed for secure DEF dispensing, our tanker trailer gives you the flexibility to supply DEF by either storing it on-site or delivering it to where you need it most.

## **Durable, Drainable Trailers**

Choose from our available 525, 1010 or 1610 gallon DEF tanker trailers. Tanker trailers are fully drainable. We offer custom blanket heaters to keep DEF fluid from freezing, so you can operate in hot or cold climates. Backed with an industry leading 5 yr. trailer warranty, our tanker trailers provide a specific balance of operational convenience, safety and durability.





525 DEF Tanker Trailer

Our 525 gallon DEF Tanker Trailer is our smallest diesel emissions fluid delivery trailer. Ideal for storing or hauling DEF liquids to your delivery sites, it is easily pulled with vehicles equipped with a hitch. Designed for heavyweight hauling, our smaller tanker trailer is equipped with heavy-duty suspension, larger wheel bearings, heavier cast hubs, high-speed cambered axles, and highway rated tires to securely deliver your DEF fluid.

## **525 Gallon DEF Tanker Specifications**

Tank	525 Gallon Norwesco Leg Tank
Engine	Honda GX160
Pump	2" Poly Pump
Trailer Frame	Extra heavy duty 5" channel iron frame 148"(L) x 80" (H) x 84" (W) 2" x 6" rectangular tubing cross-member tank supports





### 1010 DEF Tanker Trailer

Rugged and dependable, our 1010 DEF bulk fluid tanker trailer gives you superior delivery performance. With its durable construction, our tandem-axle DEF trailer is adept at hauling fluid from your location to a variety of sites over public and remote roads. Designed to fully drain, our 1010-gallon DEF tanker trailer gives you access to ALL the fluid in your tank!

## 1010 Gallon DEF Tanker Specifications

Tank	1010 gallon Norwesco Tank Fully Drainable Top fill port, bottom dispensing port/drain
Engine	Honda GX160
Pump	2" Poly Pump
Trailer Frame	Extra-heavy-duty, reinforced 6" channel iron frame 221"(L) x 77" (H) x 87" (W) Rear of frame extends 2" beyond tank as a bumper
Axle	Extra heavy-duty high-speed cambered tandem axles 16,000 lb. Slipper-leaf spring
Warranty	5 year frame warranty





1610 DEF Tanker Trailer

Our 1610 gallon DEF tanker trailer is our largest capacity diesel exhaust fluid tank. Heavy-duty and made to handle bulk delivery, hauling of diesel emissions fuel is quick and convenient. Fully drainable, our 1610-gallon DEF tanker trailer ensures all the fluid in your tanker is available for use, saving you time and money!

## 1610 Gallon DEF Tanker Specifications

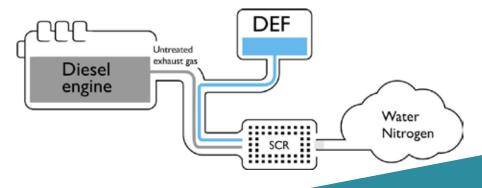
Tank	1010 gallon Norwesco Tank Drainable Tank Top fill port, bottom dispensing port/drain
Engine	Honda GX160
Pump	2" Poly Pump
Trailer Frame	Extra-heavy-duty, reinforced 6" channel iron frame Rear of frame extends 2" beyond tank as a bumper
Axle	Extra heavy-duty high-speed cambered tandem axles 16,000 lb. Slipper-leaf spring
Warranty	5 year frame warranty



### What Is DEF?

DEF or Diesel Exhaust Fluid is how the diesel industry reduces engine emissions in response to the <u>U.S. Environmental Protection Agency Standards</u> requiring all diesel trucks to significantly reduce engine emissions. Mandated at the beginning for 2010 manufactured engines, all medium and heavy-duty diesel vehicles and equipment are required to use DEF to reduce nitrous oxide and particulate matter.

### **How DEF Works**



### **Industries Using DEF**

Trucking



Construction



**Farming** 



DEF is not a fuel additive, but an organic compound made up of urea and deionized water. This fluid is mixed with the hot gases that follow diesel combustion, breaking DEF down into ammonia and carbon dioxide. Fuel mixes with diesel exhaust and chemically bonds with the nitrogen oxides, resulting in nitrogen and water exiting the tailpipe, creating cleaner diesel exhaust.

### **Blanket Heaters**

Our custom blanket heaters protect valuable DEF fluid and tanks from freezing in colder temperatures. Because DEF freezes at 12°F (-11°C), insulating and heating is an important part of keeping your diesel emission fluid flowing. Our flexible blanket heater is perfect for maintaining your DEF at the optimal temperature, without overheating. Insulate your DEF tanker trailer against freezing no matter what the shape or size, keeping your diesel exhaust fuel at a consistent temperature. Blankets are easy to install, remove, and relocate if needed.



We are here to serve you. Just call or email with your project specifications and details, and we'll do the rest. Our goal is to provide the best solution for your project, with materials delivered on time at a price that fits nicely within your budget.

For more complete information on One Clarion products and solutions, visit us on the web at: www.clarionmunicipal.com or call us at: (+1) 863-261-8388 | info@oneclarion.com

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