



# Understanding The Requirements For Maintaining And Dispensing Diesel Fluids

In [peak](#)., fleet owners must obtain the right diesel fluid to protect their trucks and comply with federal regulations. The fluid helps the drivers achieve top performance levels and acquire greater horsepower. A local vendor provides diesel exhaust fluid for fleet trucks based on EPA requirements.

## Why are the Fluids Used?

The exhaust fluid is used to control nitrogen emissions and convert them into a non-toxic mixture of nitrogen and water. The product is used with selective catalytic reduction systems. The Environmental Protection Agency requires the fluid for all large-scale trucks to prevent smog and other toxins from being released in the environment.

## What [sierra antifreeze](#) are Purchased Typically?

Most companies that own a fleet purchase large drums containing around fifty-five gallons or larger totes of up to three hundred gallons. The containers that are situated on the trucks can hold two or more gallons of the fluid. However, larger containers are available through vendors.

## Keeping Adequate Fluid On Hand

The total mileage of the driver's shift must be considered when providing adequate fluid and keeping it on-hand. According to the latest information, the drivers will need 2.5 gallons of the fluid for each 800-mile trip traveled. The fleet owners must provide containers to keep the right amount of fluid on the truck to prevent issues that could lead to shutdowns or vehicle damage. To learn more about DEF Pumps, fleet owners can contact a vendor right now.

## What Type of Dispensers are Used Most Often?

The fleet owner must follow all requirements for using the diesel fluid. According to reports, the

fleet owner cannot use any containers with rubber or aluminum components. The unwanted components can contaminate the fluids and could destroy the selective catalytic reduction system. The owner must assess the DEF Equipment before making a final purchase.

#### What Precautions are Followed?

It is recommended that the drivers wear gloves and other protective gear when handling the diesel fluid. It isn't considered toxic, but it could present some health hazards with prolonged exposure. If any of the fluid spills, the driver or the fleet owner should use sand or fast drying litter to remove it and prevent accidents.

In the U.S. fleet owners manage their trucks by utilizing the correct fluids. The EPA requires the owners to use the correct volume of the diesel fluids. Vendors provide the right fluids and offer containers and pumps for using the fluid. Fleet owners who want to learn more about BlueDEF are encouraged to contact a vendor right now.