



Optimize Fleet Productivity

CFA Software, Inc.

Support@CFASoftware.com
p: 630.543.1410
f: 630.543.1904

How to Manage Diesel Exhaust Fluid (DEF) Usage

Several procedures exist to capture, track, and report the use of Diesel Exhaust Fluid (DEF) by your equipment. The procedures you select are based on your operational needs. The two most logical data collection point for recording DEF usage are the fuel island and the maintenance shop.

For All Data Collection Points

1. It is strongly recommended that the DEF consumption is traceable to the Vehicle#/Equipment# that requires the DEF.
2. In the absence of an accessible DEF dispensing pump, you will need to:
 - a. Have containers of DEF available to the appropriate personnel. This availability might be 24/7/365, the same operating hours as the department needing the DEF, or the ability to purchase DEF at a retail auto-parts store.
 - b. Maintain secured inventory of the DEF containers. This inventory might be at more than one location, depending on item 2.a. above.

At the Fuel Island

By capturing the DEF quantity used during a fuel transaction (as a fuel type or an add-fluid) you can also capture date/time, odometer, hour meter, fuel quantity, add-fluid quantities, Driver ID, pricing for the items charged out and other data recorded at the fuel island.

The amount of DEF used will have the same tracking and reporting as other fuel types or add-fluids being tracked.

1. If you have a fuel system and it is equipped to dispense the DEF, the DEF quantity added to the vehicle will be recorded with the electronic fuel transaction. These data are then imported into CFAWin.
2. If you don't have a fuel system or your fuel system isn't equipped for DEF, the DEF can be manually added to the vehicle and recorded (probably by the same person fueling the equipment) on a log sheet. These data are later manually entered into CFAWin.

Maintenance Shop

By capturing the DEF quantity used as a repair transaction (under a Part#) you can also capture date/time, odometer, hour meter, system code, Technician ID, Vendor ID, Part#, part cost, labor hours, labor cost, and other data recorded during a repair transaction.

The amount of DEF used will have the same tracking and reporting as other Part#s on repair transactions.

1. If the vehicle is not in for maintenance, a repair order is created for the vehicle# along with the required standard items captured when a vehicle is in for maintenance.
2. If a repair technician or other repair operations person, instead of driver, adds the DEF, a labor charge should be recorded.