

HOW TO TRANSPORT BULK DIESEL WITHOUT A HAZMAT

The Department of Transportation requires drivers hauling large quantities of diesel to obtain a state-issued CDL with a HAZMAT endorsement. There are ways of mitigating this need that deliver significant gains in productivity and bottom-line savings.



HAZMAT REGULATIONS

Federal regulations on the transportation of diesel fuel are published in the Code of Federal Regulations (CFR), Title 49. The following is a breakdown of how these regulations apply to the Thunder Creek Multi-Tank product line-up:

- A HAZMAT endorsement to a state-issued Commercial Driver's License (CDL) is required for a driver transporting any hazardous material. 49 CFR 383.93
- Diesel fuel is defined as a hazardous material; specifically, it is a Class 3 Combustible. 49 USC 5103
- As a hazardous material, diesel requires placarding. 49 CFR 383.5
- There is an exception to the placarding requirement for non-bulk packages of combustible liquids. 49 CFR 172.500 and 49 CFR 173.150
- Non-bulk packaging of liquids is defined as 119 gallons or less. 49 CFR 171.8

Thunder Creek's Multi-Tank Product Line are configured with a maximum individual tank capacity of 115 gallons. Diesel tanks are joined by a manifold to a common pump. This allows for complete isolation during transport and therefore complies with the Federal regulations to transport without a HAZMAT endorsement.

CDL REGULATIONS

TRAILERS

A truck and fuel trailer are considered a combination vehicle. The requirement for a CDL is determined by two different weight ratings: 49 CFR 383.91

- The Gross Combination Weight Rating (GCWR), which is the sum of the power unit's GVWR and the trailer's GVWR
- The Gross Vehicle Weight Rating (GVWR) of the trailer.

Nearly all states (excluding California) implement and enforce CDL licensing structure in the same way. If the GCWR exceeds 26,000 lbs. and the GVWR of the trailer exceeds 10,000 lbs., a Class A CDL is required. If the GCWR exceeds 26,000 lbs. but the GVWR of the trailer does not exceed 10,000 lbs., a Class B CDL is required. If the GCWR does not exceed 26,000 lbs., a CDL is not required.

In California, the CDL requirement is based solely on the GVWR of the trailer. If it exceeds 10,000 lbs., a Class A CDL is required.

TRAILER SIZE	ALL STATES EXCEPT CALIFORNIA		CALIFORNIA
	GCWR 26,000 lbs. or less	GCWR exceeds 26,000 lbs.	
460 Gallons (GVWR 10,000 lbs.)	No CDL	Class B CDL	No CDL
690 Gallons (GVWR 12,000 lbs.)	No CDL	Class A CDL	Class A CDL
920 Gallons (GVWR 14,000 lbs.)	No CDL	Class A CDL	Class A CDL

TRUCK UPFIT

The GVWR of a Multi-Tank Truck Upfit is 19,500 lbs., therefore it does not require a CDL because the it does not exceed 26,000 lbs.

This guide is intended for informational purposes only. Local regulations may also apply. You should always consult your local officials for all regulations that apply for your operation.

THE MULTI-TANK PRODUCT LINE

In 2016, Thunder Creek developed the first No HAZMAT bulk fuel trailer. Since then, the concept has been expanded to this versatile product line:



Multi-Tank Fuel Trailers



Multi-Tank Oil Trailer



Multi-Tank Truck Upfit

LEARN MORE

ThunderCreek.com | 866.535.7667

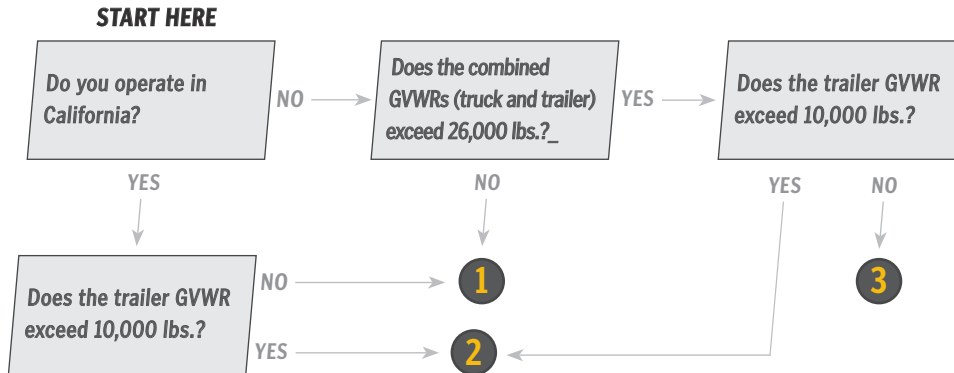


CDL/HAZMAT FLOW CHART

When you're evaluating buying a Thunder Creek fuel transport solution, navigating the CDL and HAZMAT regulations established in the Code of Federal Regulations can be a challenge. Use this flow chart to evaluate the licensing requirements for your operation.

DO I NEED A CDL?

If you are evaluating a truck with fuel trailer, you will need the GVWR of both the truck and the fuel trailer. For the truck upfit, you will need the GVWR. The GVWRs of the Multi-Tank Product Line are on the chart on the first page. The GVWRs of all other Thunder Creek trailers can be found at ThunderCreek.com.

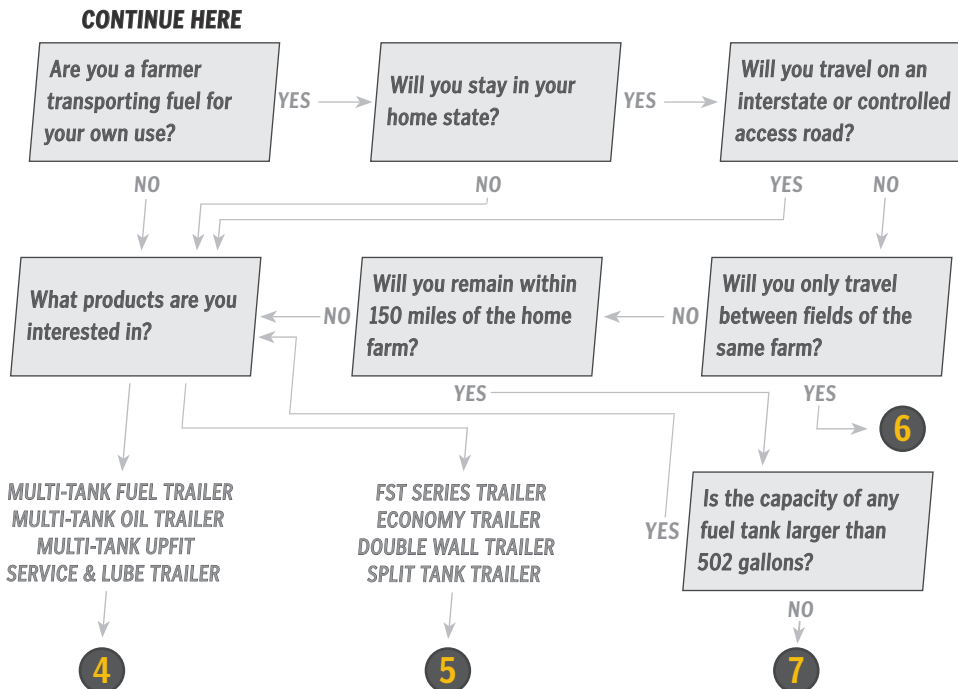


CDL REQUIREMENT

- 1 NO CDL**
Unless a HAZMAT is required. Continue below.
- 2 CLASS A CDL**
Continue below to determine if a HAZMAT will also be required.
- 3 CLASS B CDL**
Continue below to determine if a HAZMAT will also be required.

DO I NEED A HAZMAT?

Certain agricultural operations are exempt from the HAZMAT regulations covered on the first page. This chart will lead you through those scenarios, as well as the additional requirements of safety placards, hazardous materials bill of lading, emergency response training and MSDS sheets.



HAZMAT REQUIREMENT

- 4 NO HAZMAT**
You will need a hazardous material bill of lading.
- 5 HAZMAT**
You will also need safety placard, a hazardous materials bill of lading, emergency response training and MSDS sheets.
- 6 NO HAZMAT**
You will need safety placards.
- 7 NO HAZMAT**
You will need safety placards and a hazardous materials bill of lading.