



United Tank Trailer
& Custom Tank Services

UNITED TANK TRAILER

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2024 LBT 2-COMPARTMENTS 42' PETROLEUM TANKER TRAILER

	MANUFACTURER RATING	FEDERAL LEGAL AXLE RATING	TIRE TYPE	TIRE SIZE
Peterbilt 567 Tri Axle Steer Axle #1	23,000 lbs.	12,000 lbs.	Michelin X One Line Energy Super Single 10,200 lbs. Max. Load	24.5"
Peterbilt 567 Tri Axle Lift Steerable Axle #2	20,000 lbs.	12,000 lbs.	Michelin X One Line Energy Super Single 10,200 lbs. Max. Load	24.5"
Peterbilt 567 Tri Axle Drive Front Axle #3	23,000 lbs.	17,000 lbs.	Michelin X Multi D 295 Duals 7,390 lbs. Max. Load	24.5"
Peterbilt 567 Tri Axle Drive Rear Axle #4	23,000 lbs.	17,000 lbs.	Michelin X Multi D 295 Duals 7,390 lbs. Max. Load	24.5"
LBT 42' 2-Compartment Petroleum Tanker Trailer #5 Tri Axle	25,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"
LBT 42' 2-Compartment Petroleum Tanker Trailer #6 Tri Axle	25,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"
LBT 42' 2-Compartment Petroleum Tanker Trailer #7 Tri Axle	25,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"

	AXLE SPACING (Feet)	AXLE CLASSIFICATION (DOT Requirements)	FEDERAL BRIDGE WEIGHT FORMULA	NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION PERMIT REGULATIONS
Peterbilt 567 Tri Axle Steer Axle #1	N/a	Single	N/a	20,000 lbs. Single - Steer
Peterbilt 567 Tri Axle Lift Steerable Axle #2	22.5' (264.5")	1st of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.)

				1st of 3
Peterbilt 567 Tri Axle Drive Front Axle #3	4.5' (54")	2nd of Tridem	58,000 lbs. 24' Spacing (USDOT 4-AXLES)	20,000 lbs. (Tridem - 60,000 lbs.) 2nd of 3
Peterbilt 567 Tri Axle Drive Rear Axle #4	4.5' (54")	3rd of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.) 3rd of 3
LBT 42' 2-Compartment Petroleum Tanker Trailer #5 Tri Axle	32' (389")	Dual	N/a	17,000 lbs. (1st of 3 Tri Axle) 60,000 lbs.
LBT 42' 2-Compartment Petroleum Tanker Trailer #6 Tri Axle	4.5' (54")	Dual	N/a	17,000 lbs. (2nd of 3 Tri Axle) 60,000 lbs.
LBT 42' 2-Compartment Petroleum Tanker Trailer #7 Tri Axle	4.5' (54")	Dual	73,000 lbs. 32' Spacing (USDOT 3-AXLES)	17,000 lbs. (3rd of 3 Tri Axle) 60,000 lbs.

TRACTOR (GVWR)	TRAILER (GVWR)	GROSS COMBINATION VEHICLE WEIGHT RATING	TRAILER SHIPMENT WEIGHT CAPACITY	TRACTOR & TRAILER MANUFACTURER WEIGHT CAPACITY
58,000 lbs. GVWR	68,000 lbs. GVWR	126,000 lbs. GCVWR	48,000 lbs. Legal	159,000 lbs Manufacturing Weight Rating
20,000 lbs. Tare Weight	12,000 lbs. Tare Weight	32,000 lbs. Tare Weight	94,000 lbs. Permit	127,000 lbs. Manufacturing Shipment Weight Rating

1. TOTAL SPECIFICATIONS (Gross Vehicle Weight Rating)

2. Total Length:.....504" (42')

3. Kingpin Spacing:.....24" (2')

4. Swing Radius:.....180" (15')

5. Petroleum Tanker Trailer Specs:

a. Length:.....504" (42')

b. Width:.....98" (8.2)

c. # of Compartments:.....2

d. Gallons For Each Compartment:.....4,600 Gallons

e. Ext. Bottom Clearance:.....47" (3.9')

- f. Int. Height:.....98" (8.2')
- 6. **Tires Size:.....22.5"**
- 7. **Wheelbase (Kingpin to Center Axle of Tridem).....389" (32')**
- 8. **Split Axle Trailer GVWR**
 - a. Tractor (297") [24.75'] Spacing 4-Axles):.....58,000 lbs.
 - b. 6-Axles (Lift, Drives & Tridem Trailer Axle- 41' Spacing):...73,000 lbs.
 - c. Tractor Steer Axle:.....23,000 lbs.
 - d. **TOTAL GROSS COMBINATION VEHICLE RATING:.....96,000 lbs.**
- 9. **Tare Weight:**
 - a. Tractor (404" [33.7'] Length):.....20,000 lbs (10-Tons)
 - b. Trailer (636" [53'] Length):.....12,000 lbs. (6.0-Tons)
- 10. **Petroleum Tanker w/2 Compartments (Front or Rear Compartment)**
 - a. Max. Legal Petroleum Weight Total:
 - i. Max. Amount Weight in Front or Rear Compartments:..48,000 lbs.
 - ii. Weight in Front and Rear Compartment:.....24,000 lbs.
 - iii. Heating Oil Weight Per Gallon:.....8.2 lbs. Per Gallon
 - iv. Diesel Weight Per Gallon:.....7.0 lbs. Per Gallon
 - v. Motor Oil Weight Per Gallon:.....7.0 lbs. Per Gallon
 - vi. Charcoal Lighter Fluid Per Gallon:.....6.88 Per Gallon
 - vii. Kerosene Weight Per Gallon:.....6.82 lbs. Per Gallon
 - viii. Jet Fuel Type A Weight Per Gallon:.....6.75 lbs. Per Gallon
 - ix. Isopropyl Alcohol Weight Per Gallon:.....6.5 lbs. Per Gallon
 - x. Gasoline Weight Per Gallon:.....6.0 lbs. Per Gallon
 - xi. Butane (Lighter Fluid):.....5.0 lbs. Per Gallon
 - b. Max. Amount of Gallons Hauled (Legal):
 - i. Gallons Max in Front & Rear Compartment:....5,852 Gal. Heating Oil
 - ii. Gallons Min. in Front & Rear Compartment:....9,600 Gal. Butane Lighter Fluid