



TRI TANK CORPORATION

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**2023 Jarco 44' x 103" Propane 11,600-Gallons Tridem Axle Tanker MC-331 / Pressure Reading -
250 psi / Composition - Mild Steel / 12' Exterior Height / 84" Interior Height**

	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"
Jarco Propane 11,600-Gallons Tri Axle Tanker Trailer #5 Tri Axle	20,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"
Jarco Propane 11,600-Gallons Tri Axle Tanker Trailer #6 Tri Axle	20,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"
Jarco Propane 11,600-Gallons Tri Axle Tanker Trailer #7 Tri Axle	20,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"

	AXLE SPACING	AXLE	FEDERAL BRIDGE	NORTH CAROLINA
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	(Feet)	CLASSIFICATION (DOT Requirements)	WEIGHT FORMULA	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
Jarco Propane 11,600-Gallons Tri Axle Tanker Trailer #5 Tri Axle (Lift Axle)	34' (415')	Dual	N/a	20,000 lbs. (1st of 3 Tri Axle) 60,000 lbs.
Jarco Propane 11,600-Gallons Tri Axle Tanker Trailer #6 Tri Axle (Lift Axle)	4.5' (54")	Dual	N/a	20,000 lbs. (2nd of 3 Tri Axle) 60,000 lbs.
Jarco Propane 11,600-Gallons Tri Axle Tanker Trailer #7 Tri Axle	4.5' (54")	Dual	75000 lbs. 34' Spacing (USDOT 3-AXLES)	20,000 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	73,000 lbs. GVWR	131,000 lbs. GCVWR	37,000 lbs. Legal	146,000 lbs Manufacturing Weight Rating
20,000 lbs. Tare Weight	23,000 lbs. Tare Weight	43,000 lbs. Tare Weight	94,000 lbs. Permit	103,000 lbs. Manufacturing Shipment Weight Rating

1. **TOTAL SPECIFICATIONS (Gross Vehicle Weight Rating)**
2. **Total Length:**.....528" (44')
3. **Kingpin Spacing:**.....24" (2')
4. **Swing Radius:**.....180" (15')
5. **Propane Tanker Trailer Specs:**
 - a. Length:.....528" (44')
 - b. Width:.....102" (8.5')
 - c. # of Compartments:.....1
 - d. Gallons For Each Compartment:.....11,600 Gallons
 - e. Ext. Bottom Clearance:.....47" (3.9')
 - f. Int. Height:.....84" (7')
6. **Tires Size:**.....22.5"
7. **Wheelbase (Kingpin to Center Axle of Tridem)**.....415" (34.5')
8. **Tri Axle Trailer GVWR**
 - a. Tractor (297") [24.75'] Spacing 4-Axles):.....58,000 lbs.
 - b. 6-Axles (Lift, Drives & Tridem Trailer Axle- 34' Spacing):...75,000 lbs.
 - c. Tractor Steer Axle:.....23,000 lbs.
 - d. TOTAL GROSS COMBINATION VEHICLE RATING:.....98,000 lbs.
9. **Tare Weight:**
 - a. Tractor (404" [33.7'] Length):.....20,000 lbs (10-Tons)
 - b. Trailer (636" [53'] Length):.....23,000 lbs. (11.5-Tons)
10. **Propane Tanker w/1 Compartment**
 - a. Max. Legal Petroleum Weight Total:
 - i. Max. Amount Weight in Front or Rear Compartments:..37,000 lbs.
 - ii. Weight in Front and Rear Compartment:.....37,000 lbs.
 - iii. LPG Natural Gas Weight Per Gallon:.....4.1 lbs. Per Gallon
 - iv. Acetylene Weight Per Gallon:.....0.1 lbs. Per Gallon
 - v. Hydrogen Weight Per Gallon:.....2.2 lbs. Per Gallon
 - vi. Propane Weight Per Gallon:.....4.2 lbs. Per Gallon
 - vii. Propylene Glycol Weight Per Gallon:.....8.65 lbs. Per Gallon
 - viii. Methane Weight Per Gallon:.....3.8 lbs. Per Gallon
 - b. Max. Amount of Gallons Hauled (Legal):
 - i. Gallons Max in Front & Rear Compartment:....370,000 Gal .Acetylene
 - ii. Gallons Min. in Front & Rear Compartment:....4,277 Gal. Propylene

