

31,800 Gallon Tank Car



This 31,800 gallon (US) non-coiled and non-insulated tank car has been designed with a 286,000 lb gross rail load for the transportation of crude oil and other flammable liquids. The car is equipped with a 20-inch, eight (8) cast steel bolt style manway, and a 165 psi McKenzie pressure relief valve.

Various options for loading/unloading valve configurations are available depending on the service requirements. The car is equipped with half height head shields made from 1/2 inch thick Grade 5-steel and with top fittings protection, including the pressure relief valve, in accordance with AAR M-1002 requirements.

Dimensions (Approximate)				
Length, over couplers		59' 9 1/2"	Width, extreme	10' 8"
Length, between truck centers		46' 3"	Tank, outside diameter	10' 3 1/2"
Height, extreme		15' 6"	Tank, length	54' 2"
Slope, tank		1/4" per ft.	Clearance	AAR Plate C
Weight /Capacity		(Estimated)	Curve Negotiability Radius	
Light weight		79,500 lbs.	Uncoupled	150'
Gross rail load		286,000 lbs.	Coupled to like car	218'
Load limit		206,500 lbs.	Coupled to base car	216'
Nominal capacity		31,800 U.S. gallons		
These general dimensions are representative and subject to change without notice as required by customer specifications or design improvements by Gunderson-GIMSA.				

