

29,000 Gallon Tank Car



This 29,000 gallon (US) coiled and insulated tank car has been designed with a 286,000 lb gross rail load for the transportation of crude oil and other like commodities. The car is equipped with a 20-inch, eight (8) bolt manway, a 75 psi pressure relief valve, and a protected top fitting arrangement. Top fittings consisting of 2- and 3-inch valves and options for a thermowell, sample line,

MGD, and a vacuum relief valve to accommodate closed system loading and unloading. The bottom outlet is a 4-inch steam jacketed ball valve. This car is fitted with 12-line exterior heating coil system and 4" thermal insulation.

Various options for loading/unloading valve configurations are available depending on the service requirements.

Dimensions (Approximate)				
Length, over couplers		59' 3 1/2"	Width, extreme	10' 7"
Length, between truck centers		45' 9"	Tank, outside diam	9' 10 3/4"
Height, extreme		15' 6"	Tank, length	53' 4"
Slope, tank		1/4" per ft.	Clearance	AAR Plate C
Weight /Capacity (Estimated)		Curve Negotiability Radius		
Light weight		84,300 lbs.	Uncoupled	150'
Gross rail load		286,000 lbs.	Coupled to like car	217'
Load limit		201,700 lbs.	Coupled to base car	215'
Nominal capacity		29,080 U.S. gallons		
DESIGNED AND BUILT TO AAR SPECIFICATION FOR M-1002; DOT SPECIFICATION : DOT 111A100W1				
These general dimensions are representative and subject to change without notice as required by customer specifications or design improvements by Gunderson-GIMSA.				

