



## 28,400 GALLON TANK CAR

### DIMENSIONS (APPROX.)

LENGTH, OVER COUPLERS	58' 4 1/4"
LENGTH BETWEEN TRUCK CENTERS	44' 9 3/4"
HEIGHT, EXTREME	15' 6"
WIDTH, EXTREME	10' 7 7/8"
SLOPE, TANK	1/4" PER FT.
TANK, OUTSIDE DIAMETER	9' 10 3/4"
TANK, LENGTH	52' 5 5/8"
CLEARANCE	AAR PLATE C

### WEIGHT/CAPACITY (EST.)

LIGHT WEIGHT	94,200 LB
GROSS RAIL LOAD	286,000 LB
LOAD LIMIT	191,800 LB
NOMINAL CAPACITY	28,433 U.S. GAL

### CURVE NEGOTIABILITY RADIUS

CURVE RADIUS UNCOUPLED	150'
CURVE RADIUS COUPLED TO LIKE CAR	217'
CURVE RADIUS COUPLED TO BASE CAR	215'

DESIGNED AND BUILT TO AAR SPECIFICATION FOR M-1002; DOT SPECIFICATION: DOT 117A100W1

THESE GENERAL DIMENSIONS ARE REPRESENTATIVE AND SUBJECT TO CHANGE WITHOUT NOTICE AS REQUIRED BY CUSTOMER SPECIFICATIONS OR DESIGN IMPROVEMENTS BY THE GREENBRIER COS.

## 28,400 GALLON CRUDE OIL TANK CAR

This 28,400 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 top fittings with a 9mph roll-over protection. 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 full port jacketed 4-inch ball valve. This car is fitted with 12 run exterior heating coils and 3.5 inch thick fiberglass insulation bonded to a 1/2 inch thick thermal ceramic blanket. Various options for loading/unloading valve configurations are available depending on the service requirements.

