

TRINITY INDUSTRIES, INC.

*MODEL NUMBER 30-265-5 FILE 9649.b

*REVISION 10-08-96 EST/QTE# 3847;96/4082F

CUSTOMER Mobil Oil Corporation (3 Compartment Car) DATE August 13,1996

*AAR SPECIFICATION 211A100W1 COMMODITY Lube Oils WEIGHT PER GALLON N / A

***GENERAL DATA :** 8,821 gallons 176 gallons 8,645 gallons Com #1

* 8,833 gallons 177 gallons 8,656 gallons Com #2

* 8,821 gallons 176 gallons 8,645 gallons Com #3

*SHELL CAPACITY 26,475 gallons 2% OUTAGE 529 gallons NOMINAL CAPACITY 25,946 gallons Total

MAXIMUM WEIGHT ON RAILS 286,000# LIGHTWEIGHT 90,800# MAXIMUM WEIGHT PER GALLON 7.52#

LENGTH OVER STRIKERS 61' 9" LENGTH OVER TRUCK CENTERS 50' 10"

*HEIGHT OVER RAILS 15' 3 3/8" WIDTH 10' - 8" CLEARANCE DIAGRAM C

TANK:

*PLATE SPECIFICATION A516-70 DIAMETER 110 1/4" ID LENGTH OVER SEAMS 53' 9 7/8"

PLATE THICKNESS 7/16" HEAD THICKNESS 7/16" Minimum TANK TEST 100 PSI

*SLOPE 0.2181" ft. to CL SKID None TOP SAFETY PLATFORM 2 Board, 2 Way, steel X 40'-0" long

INSULATION:

11 gauge A569 shell

TYPE Fiberglass THICKNESS 4" (1#/CF Density) JACKET 11 gauge A569 heads

HEATER COIL: (3 systems)

TYPE Exterior Serpentine NO. LINES 12 SIZE 8" half oval INLETS / OUTLETS Two 2" / Two 2"

FITTINGS: (Each Compartment)

BOTTOM UNLOADING: VALVE Midland A-549 SIZE 4" MATERIAL: BODY CS TRIM SS

CONNECTION Cap & Plug SIZE 4" & 2" MATERIAL CS OUTLET SADDLE CS

TOP UNLOADING: NOZZLE SIZE None MATERIAL None

VALVE None SIZE None MATERIAL: BODY None TRIM None

SIPHON PIPE SIZE None MATERIAL None

AIR VALVE Screwed end ball SIZE 3/4" MATERIAL: BODY CS TRIM SS

SAFETY RELIEF VALVE Midland A-1075 F, 75# MATERIAL SS Trim SEATS / SEALS Buna-n

MANWAY: SIZE 20" flued nozzle MATERIAL CS COVER MATERIAL 6-bolt cast steel

GAUGING DEVICE SS visual bar TELL TALE None SAMPLE LINE None THERMOWELL None

*GASKET MATERIAL Garlock 900 flange gaskets SUMP/WASHOUT None VACUUM RELIEF Midland A-207W

TRUCKS: (For 286,000# Service)

CAPACITY 100 Ton TYPE Ride Control WHEELS Class C 36" 1 wear CENTER PLATE 16" low profile

JOURNAL BEARINGS Roller (NFL) SPRING TRAVEL 3 11/16" STABILIZER Mechanical

COUPLER SE60 DE BRAKES Truck mounted HAND BRAKE Vertical hand wheel

OTHER:

INTERIOR PREPARATION Sweep clean LINING None

PAINT Black epoxy DTM @ 4-6 mils DFT ADVERTISING None STENCILING AAR-DOT, Vinyl Decals

FEATURES:

The bottom outlet valve is a low profile valve that meets AAR E.10.00 specifications. Buna-n manway gasket. Manway cover includes 3/4" air conn. & ball valve w/Midland vacuum relief valve. Double roller side bearings. 286# underframe.