

+\*MODEL NUMBER 30-240-1 FILE NUMBER 95134.b  
+\*REVISION 06-13-96 EST/QTE# 3692;95/3033  
+CUSTOMER [REDACTED] (4 Compartment car) (EUSX 448001-448012) DATE March 11, 1996  
DOT SPECIFICATION 111A100W1 COMMODITY Lube Oil WEIGHT/GAL. 7.5#

GENERAL DATA:

2 Compartments @ 4198 4% 2 @ 168 gallons (4 compartments)  
SHELL CAPACITY 2 Compartments @ 7586 OUTAGE 2 @ 304 gallons NOMINAL CAPACITY 22,625 gallons  
+MAXIMUM WEIGHT ON RAILS 263,000# LIGHTWEIGHT 92,300# ALLOWABLE WEIGHT PER GALLON 7.54#  
+LENGTH OVER STRIKERS 68' 11 3/4" LENGTH OVER TRUCK CENTERS 58' 0 3/4"  
+\*HEIGHT OVER RAILS 14' 9 5/8" WIDTH 10'-5' CLEARANCE DIAGRAM C

TANK:

PLATE SPECIFICATION A516 Grade 70 DIAMETER 99" ID LENGTH OVER SEAMS 60' 8 5/16"  
PLATE THICKNESS 7/16" HEAD THICKNESS 7/16" Min. TANK TEST \_\_\_\_\_  
SLOPE 0.2181"/ft. to CL SKID Fabricated SAFETY PLATFORM 2 Board, 2 Way (full length)  
w/CS safety chains

INSULATION: (Entire Car)

TYPE Fiberglass THICKNESS 4" (1#/cf Density) JACKET 11 Gauge Shell  
11 Gauge Heads

HEATER COIL: (4 Systems)

DESIGN Exterior Serpentine NO. LINES 8 SIZE 8" INLETS/OUTLETS Two 2" inlets/Two 2" outlets

FITTINGS: (Each Compartment)

Jamesbury  
+BOTTOM UNLOADING: VALVE AZFRC-22HB-MT SIZE 4" MATERIAL: BODY CS BALL & STEM SS  
CONNECTION Cap / Plug SIZE 4"/2" MATERIAL CS OUTLET SADDLE CS  
TOP UNLOADING: MULTIHOUSE SIZE 14" insert nozzle MATERIAL CS w/bolted CS coverplate  
\*VALVE None - future provision SIZE \_\_\_\_\_ MATERIAL: BODY \_\_\_\_\_ BALL & STEM \_\_\_\_\_  
\*SIPHON PIPE SIZE None MATERIAL \_\_\_\_\_  
\*AIR VALVE None - future provision SIZE \_\_\_\_\_ MATERIAL: BODY \_\_\_\_\_ BALL & STEM \_\_\_\_\_  
SAFETY RELIEF VALVE Midland A-1075F, 75# psig MATERIAL SS Trim SEATS/SEALS Viton A  
+MANWAY: SIZE 20" Flued MATERIAL CS w/316 SS exten. COVER MATERIAL Ductile Iron (lined)  
GAUGING DEVICE SS Visual Bar TELL TALE None SAMPLE LINE None THERMOWELL None  
Midland  
GASKET MATERIAL Garlock 3400 flange gaskets SUMP None WASHOUT None VACUUM RELIEF A-217W  
Garlock 3400 @ manway

TRUCKS:

CAPACITY 100 Ton TYPE Barber S-2D WHEELS Class C 36" 1 Wear CENTER PLATE 16" Low Profile  
JOURNAL BEARINGS Roller (NFL) SPRING TRAVEL 3 11/16" STABILIZER Mechanical  
COUPLER SE60DE BRAKES TMX Truck mounted brake system HAND BRAKE Vertical Hand Wheel

OTHER:

\*INTERIOR PREP Prepare for lining LINING DevChem 253  
PAINT Epoxy/urethane system ADVERTISING None STENCILING AAR-DOT Vinyl decals

FEATURES:

See page 2

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FEATURES CONTINUED:

1. Manway and multi-housing nozzles are to receive extra bracing during stress relieve to limit any movement.
  2. Outlet leg cap gasket is to be 1/4" thick viton A.
  3. Midland manway cover lift assist springs are included.
  4. Cardwell-Westinghouse Mark 50 draft gear.
- Line deleted
6. [REDACTED] component stencils will be applied.
- \* 7. Blind flanged future provision for gauge device.
- +\* 8. Manway nozzle is to open at 45 degrees to the longitudinal centerline of the car.
- \* 9. Holland horizontal wear package at coupler carrier, horizontal truck bowl wear liner. and brake beam wear eliminators.
- \* 10. Brenco roller bearings.
- + 11. Multi-housing nozzle is to open at 90 degrees to the longitudinal centerline of the car.
- end
- \* Denotes line revision dated 04/10/96  
+ Denotes line revision dated 07/28/96