

PRODUCT DATA SHEET

October, 1999

ESPM FIXED AXLE TANK (SMOOTH-WALL LODI VERSION)

GENERAL INFORMATION

This tank has a smooth interior wall for easy cleaning.

WEIGHTS AND MEASURES

➤ Capacity:	.....	457 BBL (19,194 gals.), or 471 bbl (19782 gals.)
➤ Height:	.....	10'-3½" (overall) 9'-2" (tank only)
➤ Width :	.....	8'-0" (overall) 7'-5½" (inside width)
➤ Length:	.....	46'-0" (overall) 42'-7" (tank only)
➤ Weight:	.....	29,500 lbs. ±

STRUCTURAL DESIGN

➤ Floor:	.....	¼" thick ASTM A36 carbon steel
➤ Sides/Ends:	.....	¼" thick ASTM A36 carbon steel
➤ Top Deck:	.....	¼" thick ASTM A36 carbon steel
➤ Wall Frame:	.....	6"x3"x¼" ASTM A36 formed channel on 27" centers
➤ Horizontal Framing:	.....	¼" ASTM A36 formed channels on 24" centers
➤ Internal Cross Bracing:	.....	None

ACCESSORIES

➤ Manifold:	.....	None
➤ Electrical Plug:	.....	Large 7-pin D.O.T. compliant
➤ Relief Valve:	.....	Blaylock Model LL10, Buna-N seal, 16 oz. Pressure setting, 0.4 oz. Vacuum setting
➤ Fill Line:	.....	3" sch. 40 pipe with cap & chain
➤ Top Manway:	.....	22' I.D. min. - ½" flat steel with slotted hinges
➤ Front Manway:	.....	22' I.D. min. - 1/2" flat steel with slotted hinges
➤ Side Manway:	.....	22' I.D. min. - 1/2" flat steel with slotted hinges
➤ Manway Seals:	.....	Buna-N (thermally fused to tank) ¾"x1"x22"
➤ Stairway:	.....	Non-slip w/handrails & guardrails; OSHA compliant (three layouts)

ACCESSORIES – cont.

➤ Valves:	.....	(2)Front & (1)Rear: Bray Series 30, 4"- wafer butterfly valve. Cast iron body, Buna-N seat & seals, 316 SS stem, Nylon 11 coated ductile iron disk, with plug and chain.
➤ Rear Drain:	.....	4"-150# FNPT flange
➤ Front Drain:	.....	4"-150# FNPT flange
➤ Main Rails	.....	C12x20.7 ASTM A36 steel channel
➤ Level Gauge:	.....	Ball float style; 2-8" SS floats
➤ Tires:	.....	11.00 x 22.5 Nylon tubeless
➤ Axles:	.....	Standard 22,500#, automatic slack adjusters, cast drum and hub, 30 service chambers, outboard drums (Rockwell 5" O.D. x ½" wall x 71.5" track w/ oil seals)
➤ Suspension:	.....	Reyco 3-spring 22,500 lb. Capacity
➤ Brakes:	.....	Air brake system

SURFACE DETAILS

➤ Exterior Coating:	.....	<u>Primer:</u> Carboline 890 Polyamide epoxy, color C703 <u>Paint:</u> Carboline 134HS Polyurethane, color #B756-Baker Warm Gray
➤ Interior Coating:	.....	<u>Primer:</u> Carboline 187, color 0500 Brick Red
➤ Safety Paint:	.....	Carboline® Rustarmor 139 (safety yellow) – handrails, hatch covers and trip hazard surfaces
➤ Equipment Number:	.....	DW####SDL 6" numbers, front & rear (DW = Double Wall; SDL = Safety Vapor Lined, #### = tank sequence number)
➤ Decals:	.....	2-DCLB: Property of Baker Tanks... 1-DCLD01: Danger-Do Not Enter... 1-DCLD03: Danger ..Confined Space 1-DCLD04: Danger..Surface..Slick 2-DCLE: Baker Tanks...Rentals 1-DCLIC01: Warning..Coat Damage 1-DCLW04: Warning-Do Not Move...
➤ Placard Mounts:	.....	Front and rear, as needed, minimum 48"x48".

TESTS/CERTIFICATIONS

➤ Test Performed:	Hydrostatic water test after construction and major repairs; Level I, II and III inspections on a scheduled basis
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