

PRODUCT DATA SHEET

December, 2004

VE SMOOTH WALL "SMART STEP" FIXED AXLE

GENERAL INFORMATION

This tank has a smooth interior wall for easy cleaning.

WEIGHTS AND MEASURES

➤ Capacity:	.....	500 BBL (21,000 gal.)
➤ Height:	.....	10'-1" (grade to roof plate) 13'-0" (grade to top of P/V valve)
➤ Width:	.....	8'-6"
➤ Length:	.....	47'-3" (overall) 43'-4" (tank only)
➤ Weight:	.....	34,100 lbs.

STRUCTURAL DESIGN

➤ Floor:	.....	¼" thick A36 carbon steel, "V" bottom
➤ Sides/Ends:	.....	¼" thick ASTM A36 carbon steel
➤ Top Deck:	.....	¼" thick ASTM A36 carbon steel
➤ Wall Frame:	.....	4"x4"x3/8" structural tubing
➤ Roof Ribs:	.....	3" C-channel
➤ Internal Wall Bracing:	.....	None

ACCESSORIES

➤ Manifold:	.....	Optional. 8" flanged nozzle (blinded) available on front of tank for manifold
➤ 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" stub through roof; 4" on front.
➤ Top Manway:	.....	22" diameter with anti-personnel bars
➤ Front Manway:	.....	22" diameter opening
➤ Side Manway:	.....	22" diameter opening
➤ Stairway:	.....	Front of tank, passenger side; fold-down guardrail and handrail system
➤ Walkway:	.....	Platform in front of top manway
➤ Valves:	.....	Butterfly valves - (2) Front & (1) Rear

ACCESSORIES – cont.

➤ Rear Drain:	.....	4" flanged butterfly valve @ "V" with remote handle, bullnose plug and chain
➤ Front Drain:	.....	4" flanged butterfly valve @ "V" with bullnose plug and chain
➤ Gel Line:	.....	4" flanged butterfly valve on driver side, approx. 36" from floor. Gel line made of sch. 80 PVC and is removable.
➤ Vent Connection:	.....	4" flanged nozzle with blind, next to top manway, passenger side
➤ Overflow:	.....	None
➤ Level Gauge:	.....	Ball float style with pointer
➤ Tires/Wheels:	.....	11.00 x 22.5 Nylon tubeless/10 hole Budd
➤ Axles:	.....	Round, 22,500 lb. rated with automatic slack adjusters
➤ Suspension:	.....	Hutch 7700

SURFACE DETAILS

➤ Exterior Coating:	.....	High gloss polyurethane
➤ Interior Coating:	.....	Chemical resistant lining
➤ Safety Paint:	.....	On stairs, handrails, hatch covers and trip hazard surfaces
➤ Equipment Number:	.....	SV*****L (SV = Smooth Wall Fixed Axle Vapor Tight; L = Lined, **** = tank sequence number)
➤ Decals:	.....	2-DCLE: Baker Tanks – Tanks...Rentals 1-DCLH: "E" ("Empty" symbol for level) 1-DCLJ: "F" ("Full" symbol for level) 2-DCLK: Property of Baker Tanks... 1-DCLD01: Danger-Do Not Enter... 2-DCLD03: Danger...Confined Space 1-DCLD04: Danger...Surface...Slick 1-DCLIC01: Warning...Coating Damage 1-DCLW04: Warning-Do Not Move...

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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