

PRODUCT DATA SHEET

August, 1999

420 BBL FIXED AXLE DOUBLE WALL TANK (WADE)

GENERAL INFORMATION

All four walls and the rounded bottom of this tank are double-skinned. The open area between the walls (interstitial area) will contain leakage from the primary (inner) wall preventing it from leaking to the environment. There are interstitial drains to check for leaks.

WEIGHTS AND MEASURES

➤ Capacity:	.....	420 BBL @ overflow (17,640 gal.)
➤ Height:	.....	9'-6" (to top of tank roof steel)
	.....	10'-3" (to handrails when folded down)
	.....	13'-0" (to handrails in upright position)
➤ Width:	.....	8'-0"
➤ Length:	.....	46'-4" (overall)
➤ Weight:	.....	33,960 lbs.

STRUCTURAL DESIGN

➤ Outer Floor:	.....	3/16" ASTM A36 carbon steel
➤ Inner Floor:	.....	1/4" ASTM A36 carbon steel
➤ Outer Skin: (Sides/ends)	.....	3/16" ASTM A36 carbon steel
➤ Inner Skin: (sides/ends)	.....	1/4" ASTM A36 carbon steel
➤ Top Deck:	.....	1/4" ASTM A36 carbon steel
➤ Interstitial Framing:	.....	1/4" x 5" x 3" carbon steel channel iron
➤ Internal Bracing:	.....	None
➤ Side Rails:	.....	8" C-channel frame

ACCESSORIES

➤ Manifold:	.....	None
➤ Interstitial Drains:	.....	Two (2) – 1" @ bottom center, front and rear of tank with ball valve
➤ Valves:	.....	4" Bray, Series 30, trim 713, Buna-N
➤ Relief Valve:	.....	Blaylock Model LL-10, Pressure set at 16 oz., vacuum set at 0.4 oz.
➤ Fill Line:	.....	3" stub at rear driver side
➤ Overflow:	.....	3" collar at front driver side
➤ Manways:	.....	Three (3) – 22" round manways on rear, center and front of roof, made of flat 1/2" flat plate with 5/8" bolts and nuts

ACCESSORIES – cont.

➤ Manway Seals:	.....	1/2" x 1/2" square Buna-N spliced ring
➤ Walkway:	.....	None
➤ Stairway:	.....	At rear of tank with OSHA handrail
➤ Guardrails:	.....	Self locking, 1" square tubing on top of tank
➤ Internal Ladder:	.....	One (1) located below rear hatch, constructed of 3/4" round bar
➤ Level Gauge:	.....	Ball float style, 2-8" 304 SS floats
➤ Electrical Plug:	.....	Large 7-pin, industry standard
➤ Drains:	.....	Two (2) – 4" at center of tank, front/rear
➤ Misc. Piping Connections:	.....	One (1) – 4" top vent (blinded) Two (2) – 1" nipples & plugs at top rear into interstitial area
➤ Tires:	.....	11R x 22.5
➤ Axles:	.....	22,500 Spicer – Dana D-22
➤ Suspension:	.....	Hutch 22,400
➤ Brakes:	.....	Automatic slack adjusted – Dana
➤ Wheels:	.....	10-bolt Budd with two hole opening

SURFACE DETAILS

➤ Exterior Coating:	.....	Carboline 134HG over Carboline 890
➤ Interior Coating:	.....	Carboline 187
➤ Safety Paint:	.....	Carboline 6666 on stairs, handrails, top safety rails and top hatches
➤ Equipment Number:	.....	Stenciled on rear, passenger. Welded onto suspension beam
➤ Decals:	.....	2-DCLB: Property of Baker Tanks...
	.....	2-DCLD01: Danger-Do Not Enter....
	.....	1-DCLD03: Danger-Do Not Enter...
	.....	1-DCLD04: Danger-The Top Surface...
	.....	2-DCLEZ: Baker Tanks (48" sq. w/EZ™)
	.....	1-DCLH: "E" (empty stencil)
	.....	1-DCLJ: "F" (full stencil)
.....	2-DCLIC01: Warning-Interior Coating...	
.....	1-DCLSTL01: Mfg. Use Only...	
.....	1-DCLSTL02: Secondary Containment..	

TESTS/CERTIFICATIONS

➤ Test Performed:	3 psi air test
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