

# PRODUCT DATA SHEET

February, 2005

## FRONTIER FIXED AXLE TANK

### GENERAL INFORMATION

This tank has a smooth interior wall for easy cleaning.

### WEIGHTS AND MEASURES

➤ Capacity:	.....	500 BBL (21,000 gal.)
➤ Height:	.....	11'-3" (grade to top of P/V valve)
➤ Width:	.....	8'-0"
➤ Length:	.....	46'-6" overall (rear of tank to end of nose guard)
➤ Weight:	.....	29,000 lbs.

### STRUCTURAL DESIGN

➤ Floor:	.....	¼" thick ASTM A36 carbon steel, "V" bottom
➤ Sides/Ends:	.....	¼" thick ASTM A36 carbon steel
➤ Top Deck:	.....	¼" thick ASTM A36 carbon steel
➤ Internal Cross Bracing:	.....	None

### ACCESSORIES

➤ Manifold:	.....	None
➤ 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
➤ Relief Valve:	.....	Blaylock Model LL10, Buna-N seal, 16 oz. Pressure setting, 0.4 oz. Vacuum setting
➤ Fill Line:	.....	1-3" with cap
➤ Top Manway:	.....	22" diameter opening with flat lid, near stairway landing
➤ Front Manway:	.....	22" diameter opening with flat lid
➤ Side Manway:	.....	22" diameter opening with flat lid, passenger side
➤ Stairway:	.....	Front of tank, passenger side; fold-down guardrail and handrail system
➤ Walkway:	.....	None – platform at top of stairs; fold-down guardrail

### ACCESSORIES – cont.

➤ Rear Drain:	.....	1-4" flanged connection w/ butterfly valve
➤ Front Drain:	.....	1-4" flanged connection w/ butterfly valve
➤ Top Vapor Connection:	.....	1-3" blinded flange , top rear passenger side, chained
➤ Level Gauge:	.....	Ball style, 2 - 8" S.S. floats, with indicator protruding through front of tank
➤ Tires:	.....	11.00 x 22.5 Nylon tubeless
➤ Axles:	.....	Round, 22,500# with automatic slack adjusters
➤ Wheels:	.....	"Budd type"
➤ 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 <u>Finish:</u> Carboline 187, color C703
➤ Safety Paint:	.....	Safety yellow – handrails, hatch covers and trip hazard surfaces
➤ Equipment Number:	.....	CFVP****L (CFVP = Corrugated 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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