

## PRODUCT DATA SHEET

January, 2001

## SAFE TOP TANK (500 BBL Standard & Short)

### GENERAL INFORMATION

This tank has a steel top deck with guardrails all around, cleanout hatches, and personnel access hatch. This tank is *not* vapor tight.

### WEIGHTS AND MEASURES

➤ <b>Capacity:</b>	.....	Standard tank – 500 BBL. (21,000 gal.) Short tank – 475 BBL. (19,950 gal.)
➤ <b>Height:</b>	.....	Standard – 12'-6" Short – 11'-9"
➤ <b>Width:</b>	.....	Standard – 8'-0" Short – 8'-0"
➤ <b>Length:</b>	.....	Standard – 36'-0" Short – 36'-0"
➤ <b>Weight:</b>	.....	Standard – 20,500 lbs. (est.) Short – 20,000 lbs. (est.) Standard w/coils – 21,300 lbs. (est.) Short w/ coils – 20,800 lbs. (est.)

### STRUCTURAL DESIGN

➤ <b>Floor:</b>	.....	¼" thick ASTM A36 carbon steel
➤ <b>Sides/Ends:</b>	.....	¼" thick ASTM A36 carbon steel
➤ <b>Top Deck:</b>	.....	¼" thick ASTM A36 carbon steel
➤ <b>Wall Frame:</b>	.....	3" to 5" steel channel
➤ <b>Floor Frame:</b>	.....	6" carbon steel I-beam
➤ <b>Top Frame:</b>	.....	4" steel channel
➤ <b>Internal Cross Bracing:</b>	.....	15 – 3"x3"x¼" angle iron

### ACCESSORIES

➤ <b>Manifold:</b>	.....	None
➤ <b>Valves:</b>	.....	1-4" butterfly valve tractor end – drive side; 1-4" butterfly valve dolly end – passenger side
➤ <b>Relief Valve:</b>	.....	None
➤ <b>Top Access:</b>	.....	(2)- removable cleanout doors and (1) - personnel access hatch
➤ <b>Exterior Stairway:</b>	.....	Dolly end – lower section folds for extension and retraction
➤ <b>Side Manways:</b>	.....	None

### ACCESSORIES – cont.

➤ <b>Guardrails:</b>	.....	Fold-down 1¼" round tubing
➤ <b>Internal Ladder:</b>	.....	(1) at personnel access hatch, middle of top deck, driver's side
➤ <b>Bottom Sump</b>	.....	One on each end of tank: Type 1: flat bottom, 12" diameter, 3" deep Type 2: domed, 14" diameter, 4" deep
➤ <b>Front Drain:</b>	.....	4" diameter capped nipple
➤ <b>Level Gauge:</b>	.....	None
➤ <b>Electrical Plug:</b>	.....	None
➤ <b>Rear Wheels:</b>	.....	Removable conventional or air dolly; no fixed axles
➤ <b>Drop Pin:</b>	.....	One on dolly end, with safety clip
➤ <b>Air lines:</b>	.....	Two connections at tractor end
➤ <b>Options:</b>	.....	<ul style="list-style-type: none"> <li>• Heating coil</li> <li>• Carboline 187 system interior lining</li> </ul>

### SURFACE DETAILS

➤ <b>Exterior Coating:</b>	.....	Carboline® 134HS (High Gloss Acrylic Aliphatic Polyurethane)
➤ <b>Interior Coating:</b>	.....	Standard is none but see options above
➤ <b>Safety Paint:</b>	.....	Carboline® Rustarmor 139 (All moveable safety equipment, handrails, stairs etc.)
➤ <b>Equipment Number:</b>	.....	(prefix)####(suffix): Possible prefixes: G, N, E, S Possible suffixes: ST or STC
➤ <b>Decals:</b>	.....	2-DCLC: Property of Baker Tanks... 2-DCLD01: Danger-Do Not Enter... 2-DCLIC01: Warning-Interior Coating Damage... <i>(used on lined tanks only)</i> 2-DCLW04: Warning-Do Not Move/Lift...
➤ <b>Placard Mounts:</b>	.....	None

### TESTS/CERTIFICATIONS

➤ <b>Test Performed:</b>	.....	Major repairs – hydrotest Scheduled- Level I, II and III inspections
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