

## PRODUCT DATA SHEET

March, 2000

## OPEN TOP TANK

(500 BBL Standard & Short)

### GENERAL INFORMATION

This tank is designed to provide easy viewing of the contents. A railed catwalk is provided over the center of the tank. These tanks can be converted to closed top by adding a snap-on deck lid.

### WEIGHTS AND MEASURES

|                    |       |   |
|--------------------|-------|---|
| ➤ <b>Capacity:</b> | ..... | Standard tank – 500 BBL. (21,000 gal.)<br>Short tank – 475 BBL. (19,950 gal.)   |
| ➤ <b>Height:</b>   | ..... | Standard – 12'-5"<br>Short – 11'-2"   |
| ➤ <b>Width:</b>    | ..... | Standard – 8'-0"<br>Short – 8'-0"   |
| ➤ <b>Length:</b>   | ..... | Standard – 35'-0"<br>Short – 35'-0"   |
| ➤ <b>Weight:</b>   | ..... | Standard – 18,000 lbs. (est.)<br>Short – 17,750 lbs. (est.)<br>Standard w/coils – 18,800 lbs. (est.)<br>Short w/ coils – 18,550 lbs. (est.) |

### STRUCTURAL DESIGN

|                                  |       |                                   |
|----------------------------------|-------|-----------------------------------|
| ➤ <b>Floor:</b>                  | ..... | ¼" thick ASTM A36 carbon steel    |
| ➤ <b>Sides/Ends:</b>             | ..... | ¼" thick ASTM A36 carbon steel    |
| ➤ <b>Wall Frame:</b>             | ..... | 3" to 5" structural steel members |
| ➤ <b>Floor Frame:</b>            | ..... | 6" carbon steel I-beam            |
| ➤ <b>Top Frame:</b>              | ..... | None – no top                     |
| ➤ <b>Internal Cross Bracing:</b> | ..... | 17 – 3"x3"x¼" angle iron          |

### ACCESSORIES

|                             |       |  |
|-----------------------------|-------|--|
| ➤ <b>Manifold:</b>          | ..... | None   |
| ➤ <b>Valves:</b>            | ..... | 1-4" butterfly valve tractor end – driver side; 1-4" butterfly valve dolly end – passenger side (some tanks have 6") |
| ➤ <b>Relief Valve:</b>      | ..... | None   |
| ➤ <b>Top Access:</b>        | ..... | Open top with middle catwalk (Across the tank)   |
| ➤ <b>Exterior Stairway:</b> | ..... | 1- external removable ladder   |
| ➤ <b>Manways:</b>           | ..... | None   |

### ACCESSORIES - cont.

|                           |       |  |
|---------------------------|-------|--|
| ➤ <b>Guardrails:</b>      | ..... | Along catwalk only   |
| ➤ <b>Internal Ladder:</b> | ..... | One - fixed  |
| ➤ <b>Bottom Sump</b>      | ..... | One on each end of tank:<br>Type 1: flat bottom, 12" diameter, 3" deep<br>Type 2: domed, 14" diameter, 4" deep   |
| ➤ <b>Front Inlet:</b>     | ..... | 4" diameter capped nipple  |
| ➤ <b>Front Drain:</b>     | ..... | 4" diameter capped nipple (some tanks have 6") (some may also be total drain with valve)                         |
| ➤ <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>     | ..... | None   |
| ➤ <b>Equipment Number:</b> | ..... | Varies   |
| ➤ <b>Decals:</b>           | ..... | 2-DCLC: Property of Baker Tanks...<br>2-DCLD02: Danger-Do Not Enter...<br>2-DCLW04: Warning-Do Not Move/Lift...<br>2-DCLIC01: Warning-Interior Coating Damage (Used only if interior is lined) |
| ➤ <b>Placard Mounts:</b>   | ..... | None   |

### TESTS/CERTIFICATIONS

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

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