

PRODUCT DATA SHEET

December, 2010

VE "SINGLE STEP" FIXED AXLE TANK

GENERAL INFORMATION

This tank has a smooth interior wall and "V" shaped bottom for easy cleaning.

WEIGHTS AND MEASURES

» **Capacity:** 495 BBL (20,807 gal.)

» **Height:** 10'-7" (grade to roof plate)

» **Width:** 8'-0"

» **Length:** 46'-5" (overall)

» **Weight:** 27,000 lbs.

STRUCTURAL DESIGN

» **Floor:** ¼" thick A36 carbon steel, "V" bottom

» **Sides/Ends:** ¼" thick ASTM A36 carbon steel

» **Roof Deck:** ¼" thick ASTM A36 carbon steel

» **Wall Frame:** 3" carbon steel channel on outside of walls

» **Roof Frame:** 3" carbon steel channel (on exterior side of roof deck)

FEATURES

» **Valves:** Butterfly valves - (2)Front & (1)Rear

» **Relief Valve:** 16 oz./in² pressure setting, 0.4 oz./in² vacuum setting; Buna-N seal

» **Front Connection:** 4" flanged butterfly valve on passenger side, with bullnose plug and chain

» **Front Drain:** 4" flanged butterfly valve (AIBr discs) @ "V" with bullnose plug and chain

» **Rear Drain:** 4" flanged butterfly valve (AIBr discs) @ "V" with remote handle, bullnose plug and chain

FEATURES – cont.

» **Fill Line:** 3" sch. 40 pipe with cap & chain

» **Vent Connection:** 4" flanged nozzle with blind, beside top manway

» **Overflow:** 3" nipple with cap on front of step

» **Top Manway:** 22" diameter with anti-personnel bars

» **Front Manway:** 22" diameter opening

» **Side Manway:** 22" diameter opening

» **Stairway:** Front of tank, with fold-down railing

» **Walkway:** Steel, GRIP STRUT™ to rear step with fold-down safety rails

» **Level Gauge:** Ball float style with pointer

» **Tires:** 11.00 x 22.5 Nylon tubeless

» **Axles:** Round, 22,500 lb. rated with automatic slack adjusters

SURFACE DETAILS

» **Exterior Coating:** High gloss polyurethane

» **Interior Coating:** Chemical resistant lining

» **Safety Paint:** Safety yellow – handrails, hatch covers and trip hazard surfaces

TESTS/CERTIFICATIONS

» **Test Performed:** Hydrostatic water test after construction and major repairs; Level I, II and III inspections on a scheduled basis