



DRAGON[®]

193BBL Non-Code Steel Vacuum Tanker



SPECIFICATIONS:

- 193 Barrel Non-DOT spec
- 8106 Gallons, plus 2%
- 15 PSI Internal, 22 INHG External, 23 PSIG Hydrostatic Test
- DESIGN PRESSURE: 15 PSI Internal, 22 INHG External, 23 PSIG
- SHELL: 3/16 pl x 64 in o.d.
- HEAD: 1/4 pl non code asme shape
- BAFFLE: 2 - 1/4 pl flat flanged and dished each with interior shell reinforcement ring
- STIFFENER: 3/8 x 2 1/2 rolled rings (10) external
- WELDS: internal root, external submerged-arc
- COMPARTMENT: single
- SUSPENSION: four-watson-chalin 30,000 lb. air ride with single leveling valve and manual dump valve, bolt on steel suspension assembly, 60,000 lb. capacity system. Lift axle on front. Steerable lift axle on rear.



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- AXLES: 22,500 lb 5" round, 5/8" wall w/outboard drums (2)
- WHEELS: 10 hole steel disc hub pilot
- TIRES: 11.00 x 24.5 radial (22.5 radial on rear steerable)
- BRAKES: 16 1/2 x 7 with spring parking, auto slacks, abs both axles
- UPPER COUPLER: bolt on adjustable
- LANDING LEGS: 2 speed, heavy duty, high capacity lift
- BUMPER: 4 x 8 tube with tow eye fenders alum. front fenders. 30 ft length formed alum. hose pan (1/8"thk) at rear.
- LADDERS: 1/4" formed supports. driver's side access ladder to alum. hosepan with ladder rungs to center top manway. Additional ladder rungs from driver's side front fender to top front manway.
- MUD FLAPS: anti sail
- OUTLET: two 4" butterfly valves at rear with a wedge sump
- RELIEFS: 1 1/2" vacuum relief, 2" pressure relief, both located at top front of barrel, 2" blow down line.
- MANWAYS: (2) located on top, one on rear head, all 21" domed style with plated swing bolts and wing nuts
- SHUT OFF: ball type primary in front manway, ball type secondary 12 gal on drivers side front with drain
- LIGHTS: full dot lights, sealed lights, harness and junction box with terminal strip, two rear work lights with integral switches additional work lights on both driver/ passenger sides on side of barrel(2-ea per side) located at middle and rear of barrel.
- SIGHT GLASS: 2" sight glass fittings in front and rear head. 1 1/2" plastic sight glass tube installed in rear head with clean out tees and 2" ball valves top and bottom
- COATING: all surfaces white metal steel grit blast, 2.5 mil profile (sp-10), interior lined with chemical resistant 100% solids epoxy liner, 10-15 mil dry film thickness. exterior coated high build epoxy primer and color coated with high solids polyurethane, 4-6 mil dry film thickness.

OPTIONS:

- LEVEL INDICATOR: ball float type with pointer located in rear tank head.
- "ROCKY MOUNTAIN" PACKAGE
- HYDRAULIC DRIVE PUMP PACKAGE: fruitland rdf500 vacuum pump, 320 cfm @ 18" hg, 30 psi pressure, hydraulic drive motor, couplers and hose mounted and plumbed with oil catch muffler (25 gpmat 1000 rpm system requirement)



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