Stainless Steel Chemical Trailer

Made in the USA!

SPECIFICATIONS:

TYPE: straight round, DOT 407 spec

CAPACITY: 7000 gallons, plus 2%

COMPARTMENT: single

COMMODITY: unspecified fluids

DESIGN PRESSURE: 25 PSI internal 38 PSIG hydrostatic test

TEMP: 250 DEG F maximum

SHELL: 10 GA, 316L Stainless steel, 2B finish

HEAD: 10 GA, 316L Stainless steel, 2B finish, ASME F&D

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BAFFLE: none

WELDS: internal: longitudinal - planished (high pressure cold formed after welding), ground flush, circumferential – ground flush external shell: as welded, visible externalweld smoke and discoloration removed

STIFFENER RINGS: external channel, solid welded

MANWAY: 20" manhole, 6 hold down, hypalon gasket in lid, near center of tank, hinged to front

CLEANOUTS: 2 – 3" male pipe nipple with stainless steel on top center line, within 10" from each head seam

OVER TURN PROTECTION: spill dam at top manway with drain hose, includes relief valve and vapor recovery valve

EMERGENCY VALVE: betts 4" x 3"hydraulic operated external emergency valve. Pump located at rear, fusible/frangible breakaway located at front

OUTLET VALVE: Betts 3" qrb hydrolet with 90 deg outlet, 3" spool piping as short as possible (if needed). 3" SS cam lock and cap with retainer cable

VAPOR RECOVERY: 3" x 2 tee style hydraulic operated valve sequenced with emergency valve, pressure gauge installed in tank connection pipe, top connection with ball valve, cam lock and cap, drivers side connection at rear with pressure gauge, ball valve, cam lock and cap

RELIEF'S: DOT specification, fort vale stainless steel pressure/vacuum relief valve, located in spill dam with air kit and gauge

THERMOMETER: 0 - 300 deg installed on side

HEATING SYSTEM: stainless steel channels full length, 150 PSI MAWP, steam and in transit, inlet and outlet at front

INSULATION: 6" fiberglass compressed to 5"

JACKETING: 22 GA BA/SS, lapped seams, 18 GA #4 finish lock seam jacket on heads

ADDITIONAL COMPONENTS: all bolsters, long members, sub frame, suspension box, bumper, hose tube mounts and fender mounts constructed from stainless steel

HOSE TUBE: 2 – 8" x 21' hose tube, one each side

LADDER: bolt on ladder to spill box with top platform step and grab handles (no side hand rail) installed on curb side. 19" wide walkway to cleanouts, 12 wide on 3 sides of spill dam

LIGHTS: full DOT lights, led sealed lights, harness and junction box with terminal strip

SUSPENSION: hutch 9700 with 3 leaf high arch springs air ride optional

AXLES: 25,000 lb round with outboard drums

WHEELS: 10 hole steel, hub pilot

TIRES: 11.00 x 24.5 radial

BRAKES: 16 1/2 x 7 with spring parking, auto slacks, WABCO 4S-2M ABs system

UPPER COUPLER: 5/16" bolster plate, bolt on adjustable 49" truck 5th wheel height

LANDING LEGS: 2 speed, heavy duty, high capacity lift

BUMPER: heavy duty per dot requirements

FENDERS: 3/4 fenders on front, full on rear

MUD FLAPS: anti sail

PLACARDS: 4 – slide in placard frames

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