



PETROLEUM TRANSPORT – 9500 GALLON
MODEL: E406950050AL-SE-4DB

Design

Unit is a straight bottom elliptical 9,500 Gallon, five compartment DOT406 petroleum trailer; unit meets or exceeds DOT406 requirements

Tank

9,500 Gallon (+/-3%), five compartment (2500/1500/1000/2000/2500) DOT406 rated transport constructed of 5454-H32 aluminum alloy. Transport is equipped with the following:

- ASME dished and flanged surge heads with double bulkhead between all compartments
- Five 16" manholes zinc plated cover with 10" aluminum offset fill with surge suppression relief valve and vent
- Aluminum alloy full circle baffles with drains
- Internal ground wire in each compartment
- Emergency air operated valve with splash deflectors
- Bottom discharge with piping in large sweeping radius to curbside center
- 4" Outlet valve openable API adapters with API dust caps, Two outlets with 4" cam style male gravity drop adapters
- Safety brake interlock mounted over discharge valves and vapor outlets
- 3 1/2" vapor recovery air operated non sequential valve with 4" line to piping area and rear curbside fender; with fittings
- Air ride suspension with roll stability
- Bumper to meet DOT PHMSA
- 12 Volt LED lights, turn signals and markers
- Overfill System with control module and receptacles mounted on bracket attached to cabinet
- Aluminum full length spilldam flashing extusions both sides with vapor rail located on curbside. Overturn built into rails
- Aluminum ladder bolted-on at rear extending above flashing rails with non-skid tape between rails

One aluminum 2-door cabinet to house E.V.O and customer fittings,
mounted curbside
Two aluminum hose tubes
Calibrated gauge chart in 1/4" increments

Outlet/Piping

All piping will be constructed of 4" aluminum from sumps with large radius sweeps ending on curbside of trailer; plastic coated on all caps in the outlet and piping area. 4" aluminum air operated emergency valves with splash deflectors over each valve, air switches mounted in cabinet, remote emergency trip located at front of trailer roadside. 4" aluminum outlet valves with openable API adapters, two outlets with API to cam style male gravity drop adapters, all outlets supplied with API dust caps

Vents

Surge suppression relief valve and normal vent located in each manhole cover

Vapor Recovery

3 1/2" vapor recovery valve air operated non sequential, inward opening vents in each manhole cover with cast aluminum hood connected to curbside flashing rail by 3" hose. 4' vapor recovery piping from curbside flashing rail through tank to rear of last discharge valve and rear curbside fender

Brake Interlock

Safety brake bar actuating one interlock valve with lock down handle mounted over discharge valves and the vapor outlet rear of discharge valves. Individual interlock valve mounted on rear fender vapor outlet

Chassis

23K Standard air ride suspension tandem with roll stability anti-lock brake system. Eight aluminum wheels and 14 ply tires with front and rear aluminum fenders. Standard fifth wheel plate with 2" adjustment and 2-speed landing gear with sand shoes

Electrical

12-Volt plug in system with 2-hold rear brake/turn lights in stainless steel boxes mounted at rear. All side marker lights tied into the turn signals. Overfill system with top probe mounted in each manhole cover. Controller wired to circuit with molded wire loom. Trailer equipped with Bayco FT30EZ-cept dual, one API style for thermistor, one API style for optics and one ground bolt. Control module and receptacles mounted on brake attached to front side of cabinet

Hydro Test

Hydro Test is performed on each tank after completion and certified for no-leaks with Certificate of Compliance issued

Effective Date: March 23, 2010

Vapor Test

Certification to E.P.A method 27 is provided and manhole

Finish

Tank shall be 5454-H32 aluminum alloy natural colored mill finish top and bottom with bright finished sides and heads, .189" Manuf. Top and bottom,.177 sides, .235 end heads and baffle over king pin and tandem with .205 on double bulkhead and remaining baffles

Manual

Owners manual to be issued with each tank