



DIESEL TRANSPORT – 8000 GALLON
MODEL: S406800020AL-2

Design

Unit is a straight round 8,000 Gallon, two compartment DOT 406 diesel trailer; unit meets or exceeds DOT406 requirements

Tank

8,000 Gallon (+/- 3%), two compartment (4000/4000) DOT406 rated transport constructed of 5454-H32 aluminum alloy. Transport is equipped with the following:

- ASME dished and flanged surge heads with single bulkhead between compartments
- Two 16" manholes zinc plated cover with 10" aluminum offset fill with surge suppression relief valve and vent
- Aluminum piping configured to discharge through hose reels
- Butterfly valves with Bayonet style adapter, gravity drop adapter and pump off line
- Safety brake interlock mounted over bottom load and defuel
- Diesel driven electric start pump, meter, hose reel
- Spring ride suspension with roll stability
- Bumper to meet DOT PHMSA and DOT NHTSA rules
- 12 Volt LED lights, turn signals and marker, work lights each side at hose reel area
- Ground reel with heavy duty ground clamp and stop ball
- Aluminum common spilldam around manholes with top of tank as floor.
- DOT overturn protection at ends
- One aluminum ladder located curbside at spilldam with walkway around four sides of spilldam
- Platform style equipment carriers, spill kit and fitting cabinet
- Two aluminum hose tubes
- Two 20 lb fire extinguishers

Outlet/Piping

All piping will be constructed of 4" aluminum with Victaulic fittings, 4" mounting pad per compartment with cable operated internal self closing emergency valves and mechanical operator. Configured to discharge through hose reels, gravity unload and transfer product between compartments. Filter in hose reel lines with isolation valves. Butterfly outlet valves with 2.5" bayonet style adapter, 3" gravity drop adapter for each compartment. Pump off line: 1" X 100' powered hose reel and nozzle, 1.25" X 100' powered hose reel and nozzle. Both reels to have breakers in line with electric motors. Tank equipped with a cable operated low point drain valve to allow water to be removed from the tank. The drain valve is located at the side of the tank and is equipped with a secondary valve, camlock adapter and lockable cap

Vents

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

Vapor Recover

Mechanical push rod vents

Brake Interlock

Safety brake bar actuating on interlock valve with lock down handle mounted over bottom load and defueling

Chassis

Spring ride leaf spring and cast flange mount hangers tandem suspension with roll stability anti-lock brake system. Eight steel 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-hole rear brake/turn lights in stainless steel boxes mounted at rear. All side marker lights tied into the turn signals. Two work lights each side at each hose reel area

Accessories

Aluminum common spilldam around manholes with top of tank as floor. DOT overturn protection at ends of spilldam. One aluminum ladder located on curbside to spilldam with aluminum walkway around all four sides of spilldam and from front spilldam top centerline to front of trailer. Platform style equipment carriers, spill kit and fittings cabinet. Two aluminum hose tubes one each side of tank (hose is not included.) Four aluminum slide in style sign holders mounted on sides, front and rear. Two 20 lb fire extinguishers, two ground reels equipped with a heavy duty ground clamp and stop ball

Effective Date: March 23, 2010

Hydro Test

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

Finish

Tank shall be 5454-H32 aluminum alloy natural colored mill finish

Manual

Owners manual to be issued with each tank