



**CRUDE OIL TRANSPORT – 8400 GALLON**  
**MODEL: D407840010AL**

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**Design**

Unit is a double conical 8,400 Gallon, one compartment DOT407 crude oil trailer; unit meets or exceeds DOT407 Requirements

**Tank**

8,400 Gallon (+/- 3%), one compartment DOT406 rated transport constructed of 5454-H32 aluminum alloy. Transport is equipped with the following:

- ASME dished surge heads
- One 20" manhole aluminum collar and cover
- Four aluminum alloy full circle baffles with drains
- Four 3" aluminum drains equally spaced on top centerline of tank
- Emergency air operated valve
- Center outlet discharge pointed roadside and curbside
- Front pump off line
- 3" DOT pressure relief vent 25 PSI and magnetic vacuum breaker
- 3" vapor recovery air operated with piping to both curbside and roadside
- Air ride suspension with roll stability
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- Bumper to meet DOT PHMSA and NHTSA rules
- 12 Volt LED lights, turn signals and markers
- Aluminum spilldam with DOT overturn protection
- Aluminum ladder mounted to curbside below spilldam
- Aluminum 12" walkway diamond type
- Two aluminum hose tubes
- Capacity indicator with pressure gauge
- DOT placard holders
- Calibrated gauge chart in 1/4" increments

### **Outlet/Piping**

All piping will be constructed of aluminum with plastic coated on all caps in the outlet and piping area. Provisions for government seals on all openings. Four aluminum cleanouts on top of tank with DOT overturn protection on each end. 6" X 4" aluminum air operated emergency valve with air switches located on curbside landing gear from rail, remote emergency trip located at front of trailer roadside. 4" aluminum center discharge outlet pointed to roadside, curbside and pump off line to front end with ALV Wet-R-Dri valves ending in 4" camlock style adapter and cap

### **Vents**

One 3" pressure relief vent set at 25 PSI rated at a test pressure of 45 PSI with one 3" magnetic vacuum breaker and air inlet/gauge assembly located in spilldam area with overturn protection

### **Vapor Recovery**

One 3" vapor recovery valve air operated mounted inside spilldam pointed to roadside, piped down side of trailer rolled to match radius, lower end of piping piped to both roadside and curbside terminating with adapter and cap

### **Chassis**

23K Standard air ride suspension tandem 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

### **Accessories**

Aluminum spilldam located at center of tank surrounding manhole, vent and vacuum gauges with DOT overturn protection and walkway at curbside. Drain hoses on curbside and roadside of spilldam. Aluminum ladder located at curbside of spilldam with top platform type step with top handle each side of access to spilldam. Two 8" x 21" aluminum hose tubes with doors on each end of tubes to access hose either at front of tube or at rear located on tube each side of tank (hoses are not supplied). One Rochester gauge capacity indicator located on curbside recessed well with 0-60 PSI pressure gauge. Four aluminum slide in style sign holders mounted on front, rear and both sides to mount your standard DOT signs for product usage approximately 60" from ground.

### **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 may be provided on a request only basis

**Finish**

Tank shall be natural colored 5454-H32 aluminum alloy 1/4" nominal mill finish, as welded inside and outside; interior snag proof suitable for lining. DOT corrosion allowance

**Manual**

Owners manual to be issued with each tank