



A012126
VIN: 124594

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Product Hauled: Gas/Diesel



Barrel Description

Model	ATB6 9500-4, Aluminum, Elliptical, Tapered, Baffled, D.O.T. 406 trailer
Code	DOT 406
Capacity	9500 gallons (up to +3% tolerance, 60 gallons minimum)
Compartments	Four (4000//1000//1500//3000)
Shape	Elliptical, tapered, baffled.
Shell Material	Aluminum, .204" bottom, .180" top and sides.
Head and Baffle Material	Aluminum, .250" and .190", Double bulkheads separating compartments.
Operating Pressure	3.3 PSIG
Design Temperature	125 Degrees F.
Overall Length	44'6"
Product	7.5 # per Gallon

Other Barrel Information

* Material Finish	Buffed / Polished finish on shell sides.
* Material Finish	Buffed/Polished finish on front head.
* Material Finish	Front and rear head to be hand polished.
* Material Finish	Buffed/Polished finish on rear head.
Weld finish	W-0 inside

Construction

Rings	No Rings installed.
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Frame		Front to rear aluminum framing. Standard width, Outriggers and pads at front and rear outrigger at landing gear, outriggers as needed to mount accessories.
* Dam Drains		3" walkway drain through tank, at rear of trailer, each side. Note: Run all wiring through barrel and not around rear head.
Overturn Protection		Overturn Protection, full length structural aluminum extrusion each side on top, dams front and rear with transverse, curbside rail doubles as vapor rail.
* Manhole	4	Civacon ALVN601110, 16" lightweight aluminum cover with 10" offset fill. Includes vapor and sensor holes. Includes NV4000, pressure/vacuum normal vent mounted in 10" relief valve cover. (For Petroleum units only) Meets HM 183 and CFR 49 §178.364-10 venting.
Gasket	4	Buna-N gasket in cover
Gasket	4	Buna-N gasket in 10" fill
Splash deflector	4	Aluminum, deflector installed over emergency valve.
Capacity indicator		None
Static cable	4	1/8" stainless steel ground wire from manhole to bottom of tank.

Hose Carriers

* Hose Carrier		Aluminum trough 4" high x max width x full length of barrel with reduced center section above discharge area; with brackets. Hose trough doubles as fenders on one side of trailer 1/4" X 1 1/2" heavy duty straps.
* Hose Carrier	2	1" plastic drain hose attached to hose carrier. One at the front and One at the rear of the hose tray
* Carrier Location		Mounted curbside
* Gauge Stick Tube		Aluminum gauge stick tube 2" diameter x 16' long. Note: Mounted on outriggers.

Lights and Wiring

* Lights		12-volt, Truck-Lite flange mount with security rings, LED lamp system complying to FMVSS. Combination center marker / turn signals, one each side.
Wiring		Plug-in style harness system.
Rear Lights		Enclosed in stainless steel light boxes
* Extra Lights		Truck-Lite 81 series, 6 diode, LED, work light, stud mount. No switch included with this option. #81100. Specify location and qty. Note: to illuminate outlet valve area.
* Extra Lights		Master switch to operate all work lights or spot lights. Note: Mounted in EVO portion of cabinet.
Nose box		Standard 7 way, J560 receptacle without circuit breakers.

Gladhands

Gladhand, Phillips, Quick Release

Undercarriage

Upper 5th Wheel	5/16" Standard duty upper coupler with Heavy duty double hubbed kingpin.
Paint	Fifth wheel plate painted black.
* Landing Gear	Jost AX100, Aluminum, 2-speed, load bearing, sealed gear box, 55,000 lbs. rated lift capacity with cushion foot.
Frame	Welded aluminum construction, load bearing.
Bracing	Stainless steel, with cross brace.
Crank location	Crank handle located on roadside
Tire carrier	None.
Suspension	Hendrickson INTRAAX AANT23K tandem axle with 5.75" diameter Hendrickson integrated axles. Axle spacing to be determined by scale.
Dump valve	No dump valve installed
Lift Axle Control	None - no auto lift controls included
Hangers	Galvanized hangers with soft coat applied to axle and trailing arm. For use on aluminum subframe with bolt-on hangers.
Subframe	Aluminum subframe, 38" wide, AANT hanger provisions with aluminum fender supports.
Bumper	D.O.T. code, aluminum, straight, weld-on bumper.
* Bumper	Buffed/Polished aluminum bumper overlay, full width.
Under-ride Protection	None (no under ride required, Wheels back exempt.)
Beam	Straight axle beam
Track	Axle track, 71.5"
* Hub & drums	Hendrickson 7 year warranty, Ready to roll, Maxx22T disc brakes with Duralite hubs, semi-fluid grease. OEM slack adjusters, seals, brake chambers and brake lining.
Anti-lock / Roll stability	OEM Standard 4S/2M with tandem axle roll stability for air-ride suspension.
Air system	Two (2) aluminum tank system. 2800 cu. in. each, meeting FMVSS 121 D.O.T. specifications.
Emission Compliance	NA
Wheels	Original Equipment Manufacturer, 22.5 X 8.25 Aluminum polished wheels
Tires	Original Equipment Manufacturer, 11R-22.5, Load Range G 14 Ply.
*	Provisions for Hendrickson (Tiremaax) tire inflation system, suspensions prepped only.
* Front	Single contour ribbed front fender. Mounted one side of trailer, hose trough doubles as fender.

- * Rear Double contour ribbed rear fender. Mounted one side of trailer, hose trough doubles as fender.
- Mud flaps White, anti-sail and anti-spray with Polar logo, mounted front and rear.

Valving and Piping

- Seal provisions None
- Sump 4 4" aluminum drain pocket
- * Emergency Valve 4 Civacon VA6182 5" x 4" 90 degree, super flow, aluminum, air operated, Teflon seals and flanged outlet, attached to sump.
- * Emergency Valve Operator Civacon "Civacontrol" air control panel. Emergency closure located at front head roadside.
- * EVO Lines Air tubing
- * EVO Location Mounted in EVO portion of large cabinet.
- Pipe 4" aluminum schedule 10 pipe, with large radius elbows, ending center at aluminum locator bracket with flanged outlet. API spacing at 15" on center. Exceeds API RP1004 recommendations, unless otherwise specified.
- * Manifold 4" pipe manifold with one Betts wet-r-Dri valve separating each line, attached to flanged outlets.
- Discharge location Curbside of trailer.
- * Outlet valve 4 Civacon 4" openable adaptor with aluminum handle and no sight bubble, 891A.
- * Adaptor 4 Civacon 4" aluminum male gravity drop adaptor(s) with cap(s) and chain(s), Buna seal. #871A-AL40.
- * Sight glass 4 Jikoh sight glass, mounted prior to outlet. #JDG-105. Compatible with ethanol.

Interlock

- * Interlock bar Aluminum safety bar with lock pin; over centralized discharge and vapor outlets. Activates (1) brake interlock valve
- * Interlock valve Civacon 300 series air interlock valve(s) with push button. Specify quantity and location.
Installed on the rear vapor connection.

Venting and cleanouts

- Cleanouts None
- Caps None, No caps installed.

Walkway and Ladder

- Top center Non-skid tape, full length of barrel between overturn rails.
- Ladder Aluminum tubular walk through, with serrated rungs and large step, and integral grab handles.
- * Ladder Location Mounted at front head, centered.

Cabinet

* Cabinet		Aluminum cabinet 28" high X 60" wide X 26 1/2" deep, three door, two compartment cabinet. Two doors on the fitting compartment and one door on the emergency valve operator compartment, held open with gas operated door stays.
* Cabinet		Lockable
* Cabinet	3	Doors to include Weather stripping.

Overfill system

* Overfill system		Civacon, ROMLink system with one top optic sensor (per compartment). Includes dual socket box (optic and thermistor sockets with electronic SAF-T ground wire), built-in limit switch at controller, and provision for interlock. System has complete plug-in harness. All controls installed in EVO possession of the cabinet.
* Overfill system		Civacon electronic serial number.

Vapor Recovery

Provisions		3" pipe stubs in curbside overturn rail, near manhole.
* Vent		3.5" Civacon T196SV sequential vents, air operated for 16" manhole. Plumbed to Emergency valve operator. Threaded.
* Line		4" aluminum pipe, through barrel with shear section, with one outlet to curbside over rear of rear fender, one outlet curbside 15" to rear and 15" to front of discharge valve area, 4" outlet.
* Adaptor	3	4" x 4" Civacon vapor recovery adapter, 611T-AL40-NPT, with poppet.
* Cap	3	4" Civacon Orange 1711T vapor dust cap.

Pump System

Hydraulic Lines	None
Meter	None
Meter Installation	None

IntelliTANK

IntelliSECURE	IntelliTANK - None
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Miscellaneous

Decals	Standard warning and safety package. Decals in English.
* Conspicuity Tape	Continuous 3M tape NOTE: DO NOT INSTALL ON SHELL.
Customer Logo	None
Document holder	Truck Lite 97960 Certificate Holder. Install in standard location unless otherwise specified.
Calibration	Computer generated theoretical calibration chart, 1/4" increments. Based on innage.



* Calibration	4	Stainless steel chart in 1/2" increments Installed on the cabinet door.
* Placards		Four Aluminum slide-in on brackets, one mounted each side of trailer.
Paint		None. No paint or primer installed on trailer.
* Product Indicator	4	Trucknology, 8-sided product indicator with mounting bracket per compartment Note: Mounted above api's.
Fire Extinguisher		None
Warranty		Polar standard two year. Note: 3 year warranty on Civacon components.
Tests		Standard testing.
Drawings		None.

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical.
Equipment availability, prices and specifications are subject to change without notice.