



Hale Trailer Brake & Wheel
105621-105625



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 (3000/1500/2000//3000)
Shape	Elliptical, tapered, baffled.
Shell Material	Aluminum, .219" bottom, .180" top and sides.
Head and Baffle Material	Aluminum, .250" and .190", Double bulkheads separating compartments three and four.
Operating Pressure	3.3 PSIG
Design Temperature	125 Degrees F.
Overall Length	44'6"
Product	7.5 # per Gallon

Other Barrel Information

Weld finish	W-0 inside
* 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.

Construction

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	3in 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	Betts PPVL816AX, 16" aluminum cover with 10" offset fill. Includes vapor and sensor holes. Includes 6496ALB, pressure / vacuum vent mounted in 10" relief valve cover.
Gasket	4	Buna-N gasket in cover
Gasket	4	Buna-N gasket in 10in fill
Splash deflector	4	Aluminum, deflector installed over emergency valve.
Capacity indicator		None
Static cable	4	1/8in stainless steel ground wire from manhole to bottom of tank.
Rings		No Rings installed.

Hose Carriers

* Hose Carrier		Aluminum trough 4in high x max width x full length of barrel with brackets. Hose trough doubles as fenders on one side of trailer. Includes straps.
* Carrier Location		Mounted curbside
* Gauge Stick Tube		Aluminum gauge stick tube 1-1/2" 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
* Rear Lights		1 additional stop / turn / tail light. Total of 3 lights in each box. Total of three in each light box. All RED.
* Extra Lights		Truck-Lite 81 series, 6 diode, LED, work light, stud mount. No switch included with this option. #81360. 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 with out circuit breakers.

Undercarriage

Upper 5th Wheel		5/16" Heavy duty with A.A.R. style 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 swivel type 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, 23000 lb., tandem axle with standard 49in axle spacing. 5.75in diameter Hendrickson integrated axles.
Hangers	Galvanized hangers with soft coat applied to axle and trailing arm. (Bolt-on suspensions with aluminum subframe only)
Dump valve	None
Subframe	Extruded aluminum sub frame, standard width, with aluminum fender supports.
Bumper	Aluminum, straight, weld-on. D.O.T. code, per FMVSS223
* Bumper	Polished aluminum bumper overlay, full width DOT compliance per FMVSS223
Under-ride Protection	None (no under ride required, Wheels back exempt.)
Beam	Straight
Track	71.5in track
Spindle	OEM Standard P spindles (parallel) same inner and outer bearing
* Wheel seals	Wheel seals with disc brakes.
* Hub & drums	HXL7 Ready to Roll, Maxx22T Disc Brake with Dura-light Hub
Miscellaneous	None
* Brakes	SEE HUB AND DRUM for brakes. Included in hub and drum option.
Anti-lock / Roll stability	OEM Standard 4S/2M with tandem axle roll stability for air-ride suspension.
* Brake chambers	SEE BRAKES for air chambers. Included with air disc brake option.
* Brake lining	SEE BRAKES for brake lining. Included with air disc brake option.
* Slack adjusters	No slack adjusters required, SEE BRAKES. Included with air disc brake option.
Valves	OEM Standard
Gladhands	Gladhand, Phillips, Quick Release
Air system	Two aluminum tank system. 2800 cu. in. each meeting FMVSS 121 D.O.T. specifications.
Wheels	Alcoa Ultra One with clean buff finish, 22.5 x 8.25 aluminum.
Tires	11R-22.5 Cooper RM120, 14-ply. GHG2 COMPLIANT.
* 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.

Seal provisions		None
Sump	4	4in aluminum drain pocket
* Emergency Valve	4	Betts EV46912ALTS 4", aluminum air with Teflon encapsulated seals and flanged outlet.
* Emergency Valve Operator		Betts Air Control kit includes master control push/pull incorporated into air distributor. One emergency trip located roadside, front of tank.
* EVO Lines		Air tubing
* EVO Location		Mounted in EVO portion of large cabinet.
Pipe		4in aluminum schedule 10 pipe, with large radius elbows, ending center at aluminum locator bracket with flanged outlet.
Discharge location		Curbside of trailer.
* Outlet valve	4	Dixon/Bayco openable API adaptor with aluminum handle and no sight bubble. #5204NG. Specify qty.
* Sight glass	4	Jikoh sight glass, mounted prior to outlet. #JDG-105. Compatible with ethanol.
* Adaptor	4	Dixon Bayco 4" aluminum male gravity drop adaptor(s) with cap(s) and chain(s), Baylast seal. #4540.
Interlock		
* Interlock bar		Aluminum safety bar with lock pin; over centralized discharge and vapor outlets. Activates (1) brake interlock valve
* Interlock valve		Brake interlock Bayco 5000AIHD valve mounted at outlet. Installed on the rear vapor connection.
Venting and cleanouts		
Pressure		None
Vacuum		None
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 platform 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	Dixon Bayco, Flo-tech FT2104 R/OM, two wire system, one top optic sensor (per compartment) with one optic and one thermister socket. All controls installed in EVO possession of the cabinet.
* Overfill system	Flo Tech trailer indentification module, FT470.

Vapor Recovery

Provisions	3in pipe stubs in curbside overturn rail, near manhole.
* Vent	3.5" Bayco #VR6030SQ sequential vents, air operated for 16" manhole. Plumbed to Emergency valve operator. Threaded.
* Line	4in aluminum pipe, through barrel with shear section, with one outlet to curbside over rear of rear fender and one outlet curbside 15in to rear of discharge valve area.
* Adaptor	2 Bayco 4" x 4", vapor recovery adaptor, with poppet and interlock mount. Threaded. #VR4100. Specify qty.
* Cap	2 Bayco 4" orange nylon vapor cap, with chain. #VR4050PL. Specify qty.

Pump System

Hydraulic Lines	None
Meter	None
Meter Installation	None

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, 1/4in increments. Based on innage.
* Calibration	4 Stainless steel chart in 1/2" increments Installed on the cabinet door.
* Placards	Four Labelmaster duo-flip mounted 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
* Cone holder	Aluminum, combination cone and bucket holder with straps to secure both cones and bucket. mount ahead of cabinet on curbside.
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.