



## Hale Trailer Brake & Wheel 107167-107169

### Barrel Description

Model	SRJ7 7000-1, T316L Stainless steel, Round, Jacketed, D.O.T. 407 trailer
Code	DOT 407
Capacity	7000 gallons (shell full)
Compartments	One
Shape	Straight, Round
Shell Material	T316L Stainless steel, 10 gauge. Two piece barrel with one circumferential weld.
Head Material	T316L Stainless steel, 10 gauge
Operating Pressure	25 PSI
Design Temperature	250 Degrees F.
Overall Length	42' 6"
Product	Various; to be compatible with the materials of construction.

### Other Barrel Information

Baffles	None
Heat	150 PSI working pressure, 3 piece channel welded to bottom of vessel with inlet and outlet.
Plumbing	with traps and 1/2" pressure relief
Intransit	Provisions for intransit, to include ball valves.
Weld finish	W-3 inside. To include manhole, collars, and all nozzles.

### Construction

Rings	Stainless steel channel
Longerons	Stainless steel channel

Frame		Stainless steel
Dam		Stainless steel construction with flat floor and overturn protection.
Dam Drains		1-1/2" polyethylene hose, one side
Overturn Protection		Overturn protection included in spill dam.
Cleanout overturns	2	Stainless steel
* Manhole		Betts 8310LC, 20" stainless steel cover, six hold-down
Gasket		White hypalon gasket in cover
Fill		None
Gasket		None
Splash deflector		None
Insulation		Fiberglass, 5" compressed to 4"
Thermometer		0-300 degree F., bulb type
Jacketing		22 gauge stainless steel bright finish
Jacket heads		18 gauge stainless steel #3 finish.
Underlayment		None
Capacity indicator		None
Static cable		No static cables installed.

#### Hose Carriers

Hose Carrier	2	Aluminum tube 8" diameter x 21' long
Hose Carrier Door	2	8" aluminum door, at rear
Carrier Location		Mounted roadside and curbside rear.

#### Lights and Wiring

Lights		12-volt, Truck-Lite grommet mount 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
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		SAF Holland Atlas 55, 2-speed, load bearing, sealed gear box, 55,000 lbs. rated lift capacity with 10"x10" swivel type sand shoes. Black armour coating. No Lube, 5 year Warranty.
Frame		Stainless steel construction
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	0.5	Stainless Steel hangers with soft coat applied to axle and trailing arm. (Weld-on suspension only) Stainless hanger on the fixed axle, Mild steel painted on the lift axle.
Dump valve		AK-54 automatic
* Suspension		Meritor Automated Lift Axle System mounted on front suspension(unless stated otherwise). Auto load sensor raises and lowers lift axle when loading or unloading. Includes manual over-ride. USE US-33310.1
Subframe		3/16" stainless steel, with stainless steel fender supports.
Bumper		D.O.T. code, stainless steel, straight, weld-on.
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		OEM Standard
Hub & drums		Ready to Roll, Dura-light Hub with Cast Drum.
Miscellaneous		None
Brakes		OEM Standard
Anti-lock / Roll stability		OEM Standard 4S/2M with tandem axle roll stability for air-ride suspension.
Brake chambers		OEM Standard - Long stroke
Brake lining		OEM Standard Extended service, non-asbestos
Slack adjusters		OEM automatic slack adjuster.
Valves		OEM Standard
Gladhands		Gladhand, Phillips, Quick Release

Air system	One 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.
Mud flaps	White, anti-sail and anti-spray with Polar logo, mounted front and rear.
Front	Aluminum, single contour, ribbed, front fender, each side.
Rear	Aluminum, double contour, ribbed, rear fender, each side.

### Valving and Piping

Seal provisions	Seal provisions on all openings
Sump	4" stainless steel mounting pad.
Emergency Valve	Betts CH46955SST 4" x 3" T316 external hydraulic, with Teflon seat and flanged outlet, attached to sump.
Emergency Valve Operator	Betts hydraulic pump, #HP-46982ALSL.
EVO Lines	Copper hydraulic line to front roadside frangible.
EVO Location	mounted at rear.
Pipe	3" stainless steel spool piece.
Discharge location	Rear of trailer.
Outlet valve	Betts 3" T316 stainless steel hydrolet valve, QR-713-SST, QRB, flange x thread, with 90 degree outlet.
Adaptor	3" stainless steel male adaptor.
Cap	3" stainless steel dust cap.

### Interlock

Interlock bar	No interlock bar installed.
Interlock valve	No interlock valves installed.

### Venting and cleanouts

Pressure	None
* Vacuum	4" Betts Guardian RVC4ST-25 combination vacuum pressure vent.
Pressure package	Stainless steel pressurizing package consisting of a Silicone filled pressure gauge, ball valve, stainless steel Chicago coupler and dead end.
Cleanouts	3 3" stainless steel threaded nozzle
Caps	3 3" T316 solid cap

### Walkway and Ladder

Top center		19" aluminum to cleanouts or approximately 10 feet from each end.
* Curbside dam		No walkway installed.
* Roadside dam		12" aluminum
Ladder		Stainless steel tubular with grip steps and large platform step, bolt on
* Ladder Location		Mounted roadside.
<b>Cabinet</b>		
Cabinet		None. No Cabinet installed.
<b>Overfill system</b>		
Overfill system		None
<b>Vapor Recovery</b>		
Vent		None
Line		None
Adaptor		None
Cap		None
<b>Pump System</b>		
Hydraulic Lines		None
Meter		None
Meter Installation		None
<b>Miscellaneous</b>		
Decals		Standard warning and safety package. Decals in English.
Conspicuity Tape		Discontinuous tape
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 Chart		Stainless steel chart in 1/4" increments
Placards		Four Aluminum slide-in, riveted to jacket, one mounted each side of trailer.
* Paint	0.5	Polyurethane on all carbon steel parts Lift axle painted black
Passivate		None

Fire Extinguisher	None
Warranty	Polar standard two year.
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.