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Product Hauled: Other

Barrel Description	
MODEL	SRX7 5000-1 T316L, Stainless steel, Round, Exterior ring, D.O.T. 407 trailer
Code	DOT 407
Capacity	5000 gallons (shell full)
Compartments	One
Shape	Round
Shell Material	T316L Stainless steel, 7 gauge barrel. Two piece barrel with one circumferential weld.
Head Material	T316L Stainless steel, 3/16"
Operating Pressure	35 PSI
Design Temperature	125 Degrees F.
Overall Length	42'-5"
Product	Various; to be compatible with the materials of construction.

Other Barrel Information	
Baffles	None
Weld finish	W-0 inside

Construction	
Rings	Stainless steel channel
Longerons	Stainless steel channel
Frame	Stainless steel
Dam	Stainless steel construction
Dam Drains	1-1/2" polyethylene hoses, each side
Overturn Protection	2 Stainless steel box type at spill dam.
Cleanout overturns	None
Manhole	Betts 8310LC, 20" stainless steel cover, six hold-down
Gasket	White hypalon gasket in cover

Fill	None
Gasket	None
Splash deflector	None
Insulation	None
Thermometer	None
Capacity indicator	None
Static cable	No static cables installed.

Hose Carriers

* Hose Carrier	Stainless steel trough 4" high x 12" wide x 22' long
* Carrier Location	Mounted 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 49" axle spacing. 5.75" diameter Hendrickson integrated axles.
Hangers	Stainless Steel hangers with soft coat applied to axle and trailing arm. (Weld-on suspension only)
Dump valve	AK-54 automatic
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	71-1/2" 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.
Front	Aluminum, single contour, ribbed, front fender, each side.
Rear	Aluminum, double contour, ribbed, rear fender, each side.
Mud flaps	White, anti-sail and anti-spray with Polar logo, mounted front and rear.

Valving and Piping

* Seal provisions	1" loops 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	Stainless steel hydraulic line with front roadside emergency shut off.
EVO Location	mounted at rear.
Pipe	3" stainless steel spool piece.
Discharge location	Rear of trailer.
* Outlet valve	Ultra flo 399-734-650, 3" T316 body, Teflon encapsulated disc & stem, Teflon seat, wafer style butterfly valve. Manual Actuator.
Adaptor	3" stainless steel male adaptor.
Cap	3" stainless steel dust cap.

Venting and cleanouts

* Pressure	None
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- * Vacuum 3" Girard flanged pressure / vacuum vent, Teflon lined.
#DOT407AFTLWV-2
Flanged mounted vent.
- * Pressure package 1" stainless steel pressurizing package consisting of a pressure gauge, ball valve, stainless steel Chicago coupler and dead end; on 3" flange. To be mounted on a 3" flanged nozzle ahead of manhole.
- * Cleanouts 3" stainless steel flanged nozzle x blind flange ASME
Installed in the dam area, for future vapor recovery vent.
- * Caps None.

Pressurizing Line

- * Pressure Line 1" stainless steel from front to center spill dam, with jumper hose at spill dam.
- * Pressure Line 1" stainless steel 1/4 turn coupler(s) and dead end(s).
- * Pressure Line 1" Wilkerson filter(s)
Installed on the front curbside fender.
- * Pressure Line 2 1/2" pressure gauge(s), 0-60 psi.
Installed to the rear of the filter.
- * Pressure Line 1" stainless steel ball valve.

Walkway and Ladder

- * Top center No walkway installed.
- * Curbside dam No walkway installed.
- * Side Walkway 12" aluminum mounted at 3:00, length of spill dam. Note: 3:00 position is standard unless width of walkway exceeds the overall width of trailer, then walkway must be adjusted upward. Specify position if other than standard is requested. Includes stop rails at each end of walkway unless other is selected under "Dual safety handrails" section.
- * Dual safety handrails Stainless steel handrail, fixed, with chain at ladder. Approximately 4' long.
- * Ladder Stainless steel tubular double rail with grip steps, attached to walkway, bolt on
Ladder Location Mounted curbside

Cabinet

- Cabinet None. No Cabinet installed.

Overfill system

- Overfill system None

Vapor Recovery

- Vent None
- Line None

Adaptor	None
Cap	None

Pump System

Hydraulic Lines	None
Meter	None
Meter Installation	None

Miscellaneous

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	Stainless steel chart in 1/4" increments
	Curbside Landing Gear Frame.
* Placards	Four Aluminum slide-in on brackets, one mounted each side of trailer.
Paint	None. No paint or primer installed on trailer.
Passivate	None
Fire Extinguisher	None
Warranty	Polar standard two year.
Tests	Standard testing.
Drawings	None.