



**To:** Kraft Tank Corp  
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**Product Hauled:** Chemical

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 3/4" inlet and outlet.
Plumbing	with traps and 1/2" pressure relief
* Intransit	Provisions for intransit, to include globe 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 flat floor, tilted to one corner
* Dam Drains	1-1/2" polyethylene hose, one side

Hangers	Stainless Steel hangers with soft coat applied to axle and trailing arm. (Weld-on suspension only)
* Dump valve	None
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	Wabco 2S/2M. Standard roll stability system deleted, per customer request.
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	295/75R-22.5 Cooper RM120, Lo Profile, 14-ply. GHG2 COMPLIANT.
Mud flaps	White plastic 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	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	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	3in stainless steel male adaptor.
Cap	3" stainless steel dust cap.
<b>Interlock</b>	
Interlock bar	No interlock bar installed.
Interlock valve	No interlock valves installed.
<b>Venting and cleanouts</b>	
* Pressure	None
* Vacuum	4" Girard threaded pressure/vacuum vent. #DOT4X407LTWW-SVL with provisions for pressure package.
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, schedule 80
Caps	3 3in T316 solid cap
<b>Walkway and Ladder</b>	
Top center	19in aluminum to cleanouts or approximately 10 feet from each end.
* Curbside dam	12" aluminum four sides of dam
Ladder	Stainless steel tubular with grip steps and large platform step, bolt on
Ladder Location	Mounted curbside
<b>Cabinet</b>	
Cabinet	None. No Cabinet installed.
<b>Overfill system</b>	
Overfill system	None
<b>Vapor Recovery</b>	
* Vent	3" X 2" Girard GVRA-B2, hydraulic
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	Stainless steel chart in 1/4" increments Installed on the landing gear support frame curbside.
Calibration Chart	Stainless steel chart in 1/4" increments
* Placards	Four Aluminum slide-in, riveted to jacket, 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.