

**WORK READY TRUCKS**

**Fluid Hauling Solutions**

**2020 KENWORTH T-800 TRI-DRIVE  
22 CUBE STAINLESS STEEL TC407  
TANK PACKAGE**

**Truck Details:** Model T-800 Conventional with 62" Aerocab flattop sleeper Tri-Drive. X15 565 engine, 565 hp @ 2000 rpm, Fuller RTLO18918B 18 speed transmission. FGAWR 20,000 lbs, RGAWR 69,000 lbs, comes with Powerhalt positive air shutdown

**Equipment Details:** 22 Cubic Meter (5,812 US Gallon nominal) TC 407, 316 Stainless Steel Non-Insulated, Two Compartment (shared vent), Transport Truck-Mount

**Tank As Per Following:**

**Dimensions:** 79.6" ID x 261" SW

**Capacity:** 22.81 Cubic Meters (6025.17 US Gallons) Max. Capacity to top of straight wall.

**Compartments:** Two zones (16/6 Cubic Meters Front / Rear) with single vented bulkhead and baffles in each compartment

**Shape:** Straight Cylinder

**Products:** Light Crude S.G. =1.56

**Maximum Product Weight:** 13 pounds per gallon

**Product Temperature:** 150 degrees F maximum temperature

**Code Compliance:** TC 407

**Working Pressure:** 25 PSI

**Vacuum Relief:** Based on the material thicknesses calculated for 25PSI this vessel is capable of withstanding 10" of inches mercury of negative pressure

**Tank Shell & Finish:** 10 gauge T316-2B stainless steel

**Tank Heads:** 7 gauge T316-2B stainless steel ASME flanged & dished heads with single bulk head near center to have 4" diameter vent hole at top of bulk head (7 ga. center baffle between both compartments)

**Outside Weld Finish:** All outside welds discoloration removed, striped & abrasive wheel buffed

**Baffles:** (4) full 7 gauge T316SS baffles with reinforced drain with pads at bottom, 4" diameter vent at top and both sides, & 20" diameter reinforced walk-through opening at center located equally spaced

\*For internal use and reference only!\*

**REFERENCE #:**

**EDWORD282786**

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- Outriggers:** 10 gauge T304 stainless steel
- Frame Rails:** Full length T304 stainless steel
- Insulation:** None
- Manways:** (2) 20" diameter T316 stainless steel full opening chemical manhole cover with 6 hold downs and Buna N gasket, hinge pin (**Betts #8310-LC-10**)
- Spill Dam:** Common stainless steel sides with no floor
- Spill Dam Hose:** (2) 1 ½" diameter drain hoses located one per side at rear of spill dam (**Tigerflex**)
- Roll Over:** Stainless steel, integral part of spill dam
- Clean Outs:** (4) Betts 10" lids
- Vents:** 4" pressure/vacuum vent located near center of front compartment:  
**(4" Girard DOT-407 pressure/vacuum vent with Tef-o-sil set at 25 PSI)**
- Level Gauges:** Titan TD80 system, single display in cabinet
- Vapour Recovery:** 3" air to open & spring to close stainless steel emergency valves with shear section elbow located in lead compartment. 3" stainless line top of tank curb side to rear and down rear head above rear frame terminating with 3" TTMA butterfly and 3" male adapter and cap:  
**3" Betts #EV46110SSTS**  
**3" TTMA Butterfly Valve w/ SS Disc/Stem & Teflon Seat**
- Air Unloading Line:** None
- Bottom Outlet:** (2) 4" air to open & spring to close butterfly valves with shear section elbow
- Emergency Valve Operator:** Air toggle levers in street side front tank cabinet for valves and vapor vents for bottom valves. Remote fusible - toggle at street side rear of front fender
- Valve Gaskets:** Teflon Envelope
- Piping:** 4" SCH 40 316 stainless steel piping
- Walkway:** 12" wide aluminum grip full length road side of spill dam with railing around outside of walkway

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