



COMPTANK CORP.

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Kraft Tank **Unit 774**
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Proposal # C- 1833-1

2015 COMPTANK FRP FILAMENT WOUND TANK TRAILER, SINGLE COMMODITY CAPACITY 5765

CODE: US DOT exemption SP11903 & TC412			Capacity Conversions	Barrel Materials & Construction
Shape: Straight round Clean Bore	Diameter " 60"	Length ' 40'	5,765 US Gallons 21,822 Liters 4,793 Imperial Gallons 137 Barrels 47,930 Pounds of h2o	Resin: Dow Derakane 411-350 Surface Veil: Single Nexus Cure System: BPO Post Cure: 4 hrs @ 180°f
Test Pressure 52.5 psi (3.6 Bar)	MAWP 35 psi (2.4 Bar)	Vacuum None		Solid FRP Filament Wound, No core

Lading temperature rating: 200°f maximum, varies with lading check product in corrosion guide or call 888 695 2915

Delta T (difference in temperature) of tank trailer and lading 100°f maximum.

Cargo classes 3, 6.1, 8 and 9 as approved in corrosion guide or independant determination by resin manufacturer.

Item #	BARREL ASSEMBLY	Single Compartment	
1	Heads	FRP integral with barrel per ASME	2
2	Rings	FRP hat section mold generated over-wound to barrel	2
3	Bolster and Saddles	FRP rails.	4
4	Roll Over Protection	FRP at each end of Spill Box in rear and one at front.	4
5	Spill Box	All FRP construction, closed in with drain tubes, (REAR)	1
6	Manway Cover	20" Comptank FRP plate with 10" Flange & Lid, SS bolts and wing nuts, REAR.	1
7	Clean Outs	None	0
TANK ATTACHEMENTS			
8	Ladder Rear	Stainless steel tubing to walkway with safety chain at top, (REAR).	1
9	Railing	Stainless Steel Double Hand Rail with 4" kick plate at Spill Box, Curbside.	1
10	Walk Way	15" wide, SS Dble Hand Rail, 4" kick plate, FRP fibergrate, @ spill box 3 o'clock, C/S.	1
11	Fenders and Mud Flaps	Stainless steel front and rear fenders, Not painted.	4
12	Hose Carrier	FRP 6" deep x 18" wide x 28' long located Curbside.	1
13	Cabinet		0
BODY AREA W/Way @ spill box, 15" wide Fibergrate C/S, Spill Box Rear, Hose Tray on C/S.			
VALVES, FITTINGS AND PIPING			
14	Top Unload	4" FRP flange - future top unload, directly above bottom sump. No Dip tube.	1
15	Fittings In Tank Top		
a		20" FRP flanged nozzle center.	1
b		10" FRP flange for 20" flat lid.	1
c		4" FRP flange (Blind) future top unload rear directly above bottom unload flange.	1
d		4" FRP flange (Blind) clean out see drawing.	1
e		3" FRP flange in spill box behind manway - Combo Vent/Vac Breaker.	1
f		3" FRP flange in spill box (Blind) future measuring device.	1
g		2" FRP Flanges in spill box, (Install 2" Banjo Ball Valves)	2
h		2" FRP flanged nozzle , with 2" Air Actuated B/F Valve - in spill box behind manway	1
16	Fittings In Tank Bottom		
		4" FRP Flange.	1
17	Bottom Unload	4" FRP flange for sump.	1
		4" air activated butterfly valve, Chemline/Asahi	1
	Primary valve	4" x 3" CPVC eccentric reducer, Glass Wrapped.	1
		4" air activated butterfly valve, Chemline/Asahi	1
	Secondary valve	3" manual butterfly valve, Chemline/Asahi	1
	Discharge	3" polypropylene camlock and dust cap	1
18	Vent/Vac	3" Girard Vent/Vac Breaker Combo.	1
19	Gasket materials		Incl.
a		Neoprene flange gaskets	Incl.

	b	Hypalon Hatch gasket, EPDM valve seats		Incl.
20		Air line for pressuring	1" Rubber Hose from front to rear, Chicago fitting & Gauges at front & rear, tee up to 2" air B/F valve in manway cover, 1" PP ball valve, tee 1" line into unload for blow down.	1
			Install a Norgrene Filter on air line behind gauge at front of tank.	Incl.
CHASSIS EQUIPMENT				
21		Landing gear	Holland Mark V, 2 - Speed with sand shoes, crank handle on Roadside.	1
22		Subframe	Running gear subframe & bumper, .250" stainless steel.	1
23		Axle Fixed (2)	25,000 lb. Capacity, 71 1/2" track, integrated, Std. Style bearings, 49" spread, with PARALLEL SPINDLES.	1 Incl.
24		Suspension	Ridewell Model 260, 25K fixed integral running gear 14" RH, Auto Dump Valve.	2
25		Brakes	Type 3030 16 1/2" X 7", S cam with automatic slack adjusters Haldex	Incl.
26		Brake Lining	3030-197 Abex	Incl.
27		Slack adjusters	Haldex 6" 10 spline	Incl.
28		Brake System	Meritor Wabco	Incl.
29		Oil seals	Stemco	Incl.
30		Lube Type	Gear Oil SAE 80W90.	Incl.
31		Hubs & Drums:	Webb 16 1/2" X 7", outboard mounted, 10 bolt	Incl.
	a	Aluminum Hubs		Incl.
	b	Hub piloted disc wheels		Incl.
	c	Cast Brake drums		Incl.
32		Anti Lock Brakes	Meritor 4S/2M ABS with in cab warning light feature and amber warning light at front fender on Roadside.	Incl.
33		Dust Shields	None	0
34		Tires	Yokama 11R22.5 RY023 16 Ply	8
35		Wheels	Aluminum 8.25 x 22.5 10 bolt hub piloted, (4) Polished, (4) Machined.	8
36		Upper coupler	SAE standard 2" kingpin, 50" height, 30" set back, adjustable in 4" increments Carbon steel Kingpin bolster plate 5/16" steel	1 1
37		Bumper	Hollow structural section stainless steel	1
38		Drip Pan	FRP under bottom unload with drain valve.	1
39		Documents	Truck lite style, 9790.	Incl.
40		Paint	Black on Tank & Sub frame	Incl.
41		Lights	Per FMVSS with midship turn signal and ABS indicator Grote LED	Incl.
42		Conspicuity	Per DOT HM183 Front head, drivers side Placard FRP brackets (4)	