

DUAL PUMPING SYSTEMS

Pumps

Size: 2-1/2" Curbside Model: TXD2-1/2A Blackmer
2-1/2" Streetside Model: TXD2-1/2A Blackmer

Line Strainers

2-1/2" Blackmer "T" style

Bottom Load

- No openable API bottom load valves installed
- 3" air top vent installed in manholes and plumbed to the overturn rail
- No vapor to curbside rear
- No overflow protection system

Manifold

- (1) 3" dual bank **AIR OPERATED** Civacon manifold installed in the curbside cabinet. Includes a presettable control panel installed in the rear bucket box.
- (1) 3" butterfly valve with 3" male adapter, dust cap, and sightglass installed on each bank of the manifold for gravity drop and suction.
- 1-1/2" male product returns installed on manifold. Product returns on each compartment line with sightglass.

Delivery Hoses

1-3/8" x 125' Curbside
1-3/8" x 50' Streetside
Gammon female adapter on curbside for quick release.

Nozzles

1-1/2" Scully (manual) with sightglass Curbside
1-1/2" OPW 1290 (Automatic) Streetside
Gammon male adapter on curbside nozzle for quick release.
PT quick couplers included on spouts of both nozzles.

Delivery Hose Swivels

1-1/2" Philly Curbside
1-1/2" Philly Streetside

Meters

LCR2 (Electronic) Size 2", 100 GPM, Preset Ticket Printer Curbside
LCR2 (Electronic) Size 2", 100 GPM, Preset Ticket Printer Streetside
Both meters to be rear facing.
Both meters include high capacity air eliminators.
Printer stand in cab with (2) Epson printers.

State Split Compartment Test

Required Yes No
Check State requirements and advise

Pressure Gauge

Installed on both pumping systems to monitor pump bypass pressure settings

Hose Reels

1-1/2" Hannay Electric Curbside Overhead
1-1/2" Hannay Electric Streetside Overhead
Side Facing

Direct Pump Off

(1) 3-way diverter valve with 2" Emco Wheaton dry break adapters located between the meter and hose reel on the curbside and streetside.

Spit Tanks

Curbside Streetside Aluminum tanks with sight tubes.
Closed line drain system to suction lines.

PTO Controls

Cab Mounted Yes No
Rear Controls in Bucket Box Yes No ClutchPak PTO's
PTO's auto off with brake release

Clutch

None needed with ClutchPak PTO's

Throttle

Cab

Paint

Tank natural **POLISHED** aluminum

Miscellaneous

Include (4) 1203 decals, mudflaps (front and rear), fire extinguisher, barrel stops in cabinet.

Lettering

There is a \$200 lettering allowance included in this bid, all other charges will be billed to the customer.

Tank installed on chassis. Tank and pumping system checked with **Seneca Tank's 13 point factory tech testing.**

Tank and Equipment, including all miscellaneous parts and labor See Below

TRUCK EQUIPMENT

PTO's: Dual Transmission Type: Fuller 10 speed See Below
PTO Shafts: See Below

Complete tank, pumping systems, and truck equipment F.O.B. Des Moines, IA See Below

Stock #42711
Seneca Tank Stock
9/08
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CHASSIS

Chassis Model No.: Kenworth T800 Chassis Spec's Attached Yes No

Year: 2009 New Used W.B. 236" C.T. 167" See Below

Chassis cab is painted White, ISL engine, 365 HP, Fuller 10 speed, air suspension, cab control differential lock, aluminum wheels (exterior only). (Serial #246674)

Tank, Equipment, and Chassis F.O.B. Des Moines, Iowa \$ Call \$

Trade: _____ Less Trade In

_____ Less Down Payment

Customer Acceptance: _____ Sales Tax

Date: _____ Company: _____ F.E.T.

Seneca Acceptance: _____ BALANCE DUE ON DELIVERY \$ Call \$

Date: _____ Seneca Tank * Customer to pay state sales tax at
time of licensing if applicable.



**2009 KENWORTH T800
EXTENDED CAB TANDEM AXLE
S/N – 244676**

Cummins ISL 365 H.P. @ 2100 RPM; 1250 ft/lb torque @1400 RPM
Fuller 10 speed transmission

18,000# Front axle
40,000# Dual rear axle with air ride suspension
Driver control differential locks

Air dryer with heat, Engine block heater

90 gallon aluminum left hand fuel tank
Tilt telescoping steering wheel
Dual heated mirrors

Air conditioning, cruise control

22.5 x 12.25 Aluminum front wheels with outsides polished
22.5 x 8.25 Aluminum rear wheels with outsides polished
Inside rims are steel

250" wheelbase, 177" C.T.

AM/FM/CD/weatherband with L.E.D. lights
Bugscreen mounted between hood and grill

High Back air suspension driver's seat w/ fixed base (1) man passenger seat

F.O.B. DES MOINES, IA.

SENECA TANK FACTORY FLEET PRICE

Vehicle Summary

	Unit		Chassis
Model:	T800 Conventional	Fr Axle Load (lbs):	18000
Type:	FULL TRUCK	Rr Axle Load (lbs)	40000
Description:	T800 ISL, 10 speed	G.C.W. (lbs):	80000
	Application	Road Conditions:	
Intended Serv.:	Local pickup & delivery.	Class A (Highway)	90
	Vehicles which haul	Class B (Hwy/Mtn)	10
Commodity:	Liquid petroleum products	Class C (Off-Hwy)	00
	Body	Class D (Off-Road)	00
Type:	Tank	Maximum Grade:	6
Length (ft):	24.0	Wheelbase (in):	250
Height (ft):	13.5	Fr Axle to BOC (in):	73
Max Laden Weight (lbs):	4000	Cab to Axle (in):	177
		Cab to EOF (in):	273
	Trailer		
No. of Trailer Axles:	0		
Type:		Special Req.	
Length (ft):	0.0	U.S. Domestic (non-Californian Registry)	
Height (ft):	0.0		
Kingpin Inset (in):	0		
Corner Radius (in):	0		
	Restrictions		
Length (ft):	120		
Width (in):	102		
Height (ft):	15.0		

Approved by: _____ Date: _____

Note: All sales are F.O.B. designated plant of manufacture.

SENECA TANK FACTORY FLEET PRICE

Data	Code	Description
Model		
0000800	O	T800 Conventional Elastomer bushed front spring pins and heavy duty shock absorber brackets, 16mm fasteners from rear cab support to end-of-frame except tractor taper crossmember. Vinyl inside sunvisors; driver side includes strap & mirror, rider side includes strap, Under-dash center console with 2 cup holders, 2 12V outlets & a storage compartment, Glove box door with locking latch
0070066	O	T800 Sloped Hood
0090000	O	Non Sleeper
0091070	O	Liquid petroleum products
0093005	O	Local pickup & delivery. Vehicles which haul freight, typically operating within a 100-mile radius, on public streets & highways, & other paved surfaces, including limited Class C roads. Includes package & freight delivery, as well as fuel oil or petroleum distribution, etc. Road usage: minimum 3% Class B, do not code for Class D.
0095110	O	Tank
0098005	O	U.S. Domestic (non-Californian Registry)
Engine & Equipment		
0128365	O	ISL365 2007 GOV@2100 350@2100 1250@1400 Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing N09020 P02 Yes...Cruise Control Auto Resume N09040 P04 No...Auto Engine Brake in Cruise N09060 P06 Yes...Gear Down Protection N09100 P11 No...Engine Protection Shtdwn N09120 P14 75...Max Vehicle Speed in Top Gea N09140 P19 75...Max Cruise Control Speed N09160 P26 700...Max PTO Speed N09180 P10 No...Idle Shtdwn N09200 P32 8....Idle Shtdwn Time N09220 P33 No....Idle Shtdwn Override
1000033	O	2007 Emission compliant engine for use with ultra low sulfur diesel fuel only
1000155	O	PROSPECTOR version 19.01 supercedes version 18.10
1002060	S	Air compressor Cummins 18.7 CFM, ISC, ISL, ISM & ISX, PX-6 and PX-8 Teflon discharge line
1051086	S	Air Cleaner Powercore engine mount 2007 with constant torque SS clamps, pop-up air restriction indicator. Holds 10%

SENECA TANK FACTORY FLEET PRICE

		more fine dust than 2500. Pop-up indicator is STD.
1125640	S	Cooling Module 1440 SQ IN T8SH/T8B On-off fan hub Nylon Fan Blade Air-To-Air Heat Exchanger/Aftercooler, High Performance fan ring shroud, Silicone hoses w/Constant Torque clamps, Long Life Coolant
1160208	O	Radiator bug screen mounted between hood and grille
1244020	O	Exhaust Single vertical tailpipe up RH side of cab Cummins. RH under Muffler/Single DPF mounted in Cab Access Assembly with exhaust shield. No toolbox, battery box, fuel tank or any other right hand under options are available.
1291728	O	Tailpipe Single 28 in curved vertical polished
1323109	O	Fleetguard Filter/water separator FS1003 with WIF (Water In Filter) sensor PX-8/ISC/ISL
1500024	O	Kenworth fuel cooler for single fuel tanks 2007
1504002	O	Immersion block heater 120V 1000W with plug under door on T2000, C500, T600, T800 & W900.
1812190	S	PACCAR alternator 130 amp. Brushless
1825612	O	Batt 2 Optima 31A Threaded post (900) 1800 CCA
1836100	S	PACCAR starter 12-volt Electrical system with centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded
1900996	O	Jump start terminals under hood.

Transmission & Clutch

2055383	O	Fuller FRO12210C 10-speed Concept 2000
2250400	S	Clutch 7-spring ceramic to 1650 lb-ft Fuller 15-1/2 in Easy Pedal Manual adjusting clutch cover. Torque limiting clutch brake. Severe duty pilot bearing. Synthetic lubrication for Eaton Fuller or Meritor transmissions & axles. Extended grease fitting
2294035	O	Grease bank for clutch & cross shaft
2405425	O	Driveline 3 heavy duty 2 centerbearing
2460024	O	Internal cooler for Fuller FR/FRO/FRLO series main transmission under 1550 lb-ft

Front Axle & Equipment

2505181	O	Front Axle 20,000 lbs. Dana Spicer EFA-20F4 Standard track
2621078	O	Front brakes 16-1/2x6 in. 22,000 lbs. Bendix ES S-cam
2659043	O	Dust shields for front brakes on single axle
2690035	O	Front Brake Drums 16-1/2x6 in. 22,000 lbs. Cast
2707175	O	Front Hubs Aluminum hub pilot 20,000 lbs. 10 Bolt 11-1/4 in. bolt circle
2741950	O	Front low maintenance hub package Dana Spicer. Includes Timken adjustment free half tolerance bearings
2750001	S	Front vented hubcaps
2765001	S	Front automatic slack adjusters
2865018	O	Front Springs Taperleaf 18K w/shock absorbers with maintenance-free elastomer spring pin bushings
2893622	O	Power steering gear dual 20K TRW TAS65
2899336	O	Radiator mounted air to oil power steering cooler 2007 engines only. 2899362 is optional with 2006 or 2007 engines

SENECA TANK FACTORY FLEET PRICE

Rear Axle & Equipment

3124403	O	Dual Rear Axle 40,000 lbs. Dana Spicer DSP41 (DSP40 with heavy-wall housing)
3200411	S	Rear Axle Ratio - 4.11
3334004	S	Dual Rear Brakes 16-1/2x7 in. to 46,000 lbs Bendix ES-extended service S-cam
3392005	S	Dual Rear Brake Drums Cast
3407050	S	Dual Rear Hubs Aluminum hub pilot 46,000 lbs. 11-1/4 in. BC
3441952	S	Dual rear low maintenance hub package Dana Spicer. Includes Timken adjustment free half tolerance bearings
3465002	S	Dual Rear axle automatic slack adjusters
3485206	S	Spring Brake 3030 Dual
3490015	O	Dust shields for 16-1/2x7 in. rear brakes on dual axle
3495226	S	Bendix 4S/4M anti-lock brake system
3532130	O	Wheel Differential Lock for Dana Spicer Axles DSP40/DSP41(P)/DSH40(P)/DSH44(P) Forward rear axle and rear rear
3740130	O	Rear suspension tandem Kenworth AG460 46K & 54in axle space. 10.5in ride height.

Tires & Wheels

4077398	O	FR Bridgestone M844F 385/65R22.5 18PR 42.8in diameter, all position. 19.9in SLR. On/Off highway. Wide-base tire. F=curb protector bar
4277724	O	RR Bridgestone M711 11R22.5 14PR 41.9in diamter. 26/32 tread depth. Open shoulder drive tire. 19.6in SLR.
4880000	O	TIRES SELECTED LIMIT VEH TOP SPD & SPL DELIV REQ TS MAY APPLY SEE TE-1127/1045 (SPEED RESTRICTED TIRES)
4900008	O	Rear Tire Quantity: 8
5045024	O	FR wheel:Alcoa 82365 22.5x12.25 aluminum, hub pilot mount. 11400lb max rating. Super single. Standard track axles may be over 102in with 425 tires.
5245255	O	RR wheel:Alcoa 88364/Acc 50487PG 22.5x8.25, aluminum outside/ steel painted gray inside, hub pilot mount. 7400lb max rating. Includes wheel guards.
5854010	O	Single front axle: Polished wheels Polished outboard surface of aluminum wheels.
5854012	O	Dual rear axle: Polished wheels Polished outboard surface of outer dual or single aluminum wheels.
5900008	O	Rear Wheel/Rim Quantity: 8

Frame & Equipment

6056600	O	Frame rails 10-3/4 x 3-1/2 x 3/8in steel 337in to 416in. Truck frame weight is 3.48 lb in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in-lbs per rail.
6279003	O	Locate partial frame inserts under cab to over bogie
6279310	O	Partial steel insert 10-5/8in or 10-3/4in steel to 10ft or partial 2nd insert for 11-5/8in steel rail
6301610	O	Bumper stainless steel clad straight aluminum channel; requires bumper setting code
6319485	S	48.5in bumper setting. Requires a bumper code.

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6324025	O	Center mounted cast front tow hook. C5B reqs steel & T8 reqs iron front drive brackets.
6390103	S	Front mudflaps
6405000	O	Steel In-Cab battery box under rider seat. Includes 1 battery disconnect switch
6409906	O	Battery box location in-cab under rider seat
6451075	O	T8SH Non-polish 2007 DPF cover. Cab access right hand under
6721102	S	Rear mudflap arms Betts B-25 standard duty, straight
6722000	S	Rear mudflap shields white plastic antisail with KW logo
6742009	S	Square end-of-frame without crossmember; non-towing

Fuel Tanks & Equip

7210090	O	Fuel tank 90 US GaL 24.5in alum under replace
7840015	O	Polish only one aluminum tank
7889061	O	Polished stainless steel tank straps for 1 tank
7920090	O	Location: 90 gal fuel tank LH under cab

Cab & Equipment

8049001	O	Cab Extended Day Cab with Curved Glass. Includes aluminum & fiberglass fully hucked cab with all aluminum bulkhead doors & continuous stainless steel piano-style door hinge and pins, foam insulation in cab and heater inlet with bug screen on cowl
8080137	O	Cab door bearing block, top and bottom
8090129	O	Short Metton hood with grille & shell. Use for T800SH requires 1180 sq inch radiator with FEPTO provision and 2007 engine, or 1440 sq inch radiator without a FEPTO provision and 2007 engines.
8098404	O	Additional 4 ribs on radiator grille
8108010	S	Cab heater with integral defrosters & A/C; without sleeper. 45,000 btu cab heater. No sleeper heater/AC.
8190144	O	One ball valve to isolate primary heater(s) for chassis without auxiliary heater
8201013	S	18in 4-spoke steering wheel
8201200	O	Adjustable telescoping tilt steering column
8203094	S	Ignition/doors keyed alike
8208496	O	Three spare switches wired to power
8220106	O	Dash mounted air filter restriction gauge
8221144	O	Air suspension pressure gauge
8222712	O	Fuel filter restriction gauge
8225658	O	Axle oil temperature gauge dual-drive axle (2 gauges) with integral warning light
8226660	O	Oil temperature gauge transmission
8282004	O	Multi-Function Highline Display Includes fuel economy, RPM display, ignition timer, trip information, truck information, diagnostics, gear display, alarm clock
8282009	O	Instrument package includes speedometer, tachometer, fuel gauge, engine coolant temperature gauge, engine oil pressure, voltmeter. Class 8 also includes primary and secondary air reservoir gauges and an air application gauge. Primary read out will be MPH. Add 8240620 to switch primary scale to KPH in Canada.

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8291306	S	Warning light in dash to indicate parking brake is applied
8331100	S	Splendor cab interior Black dash panels Full vinyl headliner; Smooth upholstered side and back panels w/stitched accent lines; Upholstered door pads w/carpeted kick panels and padded armrests; Black rubber floor mats
8343304	S	Interior color Slate Gray with trim Dark Slate Gray
8410191	O	DR seat KW Air Cushion Plus HB vinyl with dual armrests
8450170	O	RD Seat KW Plus Battery Box LB Vinyl with dual armrests
8490110	S	Seat color Dark Slate Gray
8601404	O	KW radio AM/FM/CD/weather band with L.E.D. lighting
8699514	O	Four 4in x 6in high performance speakers adds 2 speakers to the Panasonic standard 2. Located in cab header & rear cab corners
8699926	O	CB installation kit center mounted of header with header mounted quick release CB mount One red power post & one black ground post. Includes dual antenna leads located on the mirror brackets. Includes dual antenna & separate speaker.
8700168	S	Non-self cancelling turn signal with column-mounted headlight dimmer switch & intermittent wiper control
8700186	S	Electric LH & RH door locks
8700405	O	Stainless steel permit panels on cab
8800271	S	Long grabhandle RH side of cab
8800373	S	Long grabhandle LH side of cab
8800400	S	Grabhandle LH inside door frame above dash
8800401	S	Grabhandle RH inside door frame above dash
8832112	S	Daylite doors Includes RH peeper window
8841623	O	Dual rectangular air horn 26in LH/RH top of roof Includes air horn covers
8850235	O	Dual convex mirror 9in with offset mounting below regular mirror
8850300	S	Single convex mirror 8-1/2in x 4-7/16in located on rider side
8867200	O	Dual Moto heated mirrors 7in x 16in LH fixed, RH remote controlled. Switch located on door pad
8869005	S	Mirror brackets; 8-1/2ft load width
8871438	S	Rear cab stationary window 17in x 36in
8879200	S	Manual LH & Electric-powered RH door window lifts Switch located on door
8890100	S	One-piece windshield, with curved glass
8890135	O	Exterior stainless steel sunvisor
8890351	O	2in rubber wheelwell fender extension
8890898	O	Link Cabmate suspension

Lights & Instruments

9010805	S	Dual rectangular halogen headlight
9022135	O	Five marker lights rectangular
9030010	S	Fender-mounted turn signal lights
9070138	S	Combination stop, tail, turn & backup lights

SENECA TANK FACTORY FLEET PRICE

RH & LH

9090000	O	Daytime running lamps
9090039	S	Interrupter switch for marker lights
9090126	O	Electric backup alarm Meets SAE J994 and OSHA requirements
9090845	O	Circuit breakers replacing fuses Does not apply to any 5-amp fuse box position. Breakers include Stop/Brake/Turn, Tail Lamp, High & Low Beams, Marker/Clearance Lamps, Horn, Fuel Heat, Gauges, Wipers, Air Dryer, HVAC Controls, Panel Lamps

Air Equipment

9101210	S	Air Dryer Bendix AD-IS heated
9108001	S	Moisture Ejection Valve with pull cable drain
9140020	S	Nylon air tubing in frame & cab, excluding hoses subject to excessive heat or flexing

Extended Warranty

9200021	S	STANDARD WARRANTY
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Miscellaneous

9490003	O	Additional lead time required for off highway & or speciality component truck
9490206	O	Triangle reflector kit. Kit consists of 3 triangles in plastic carrying case
9490404	O	One 5 lb dry chemical type fire extinguisher mounted outboard of driver seat

Promotions

9508169	U	TC377 Cummins Non sleeper
9508172	U	Cummins demo tracking code

Paint

9700000	O	Paint Color Number N97020 A - N0006EA WHITE N97200 FRAME N0001EA BLACK
9943119	S	IMRON solid 1 color non-sleeper SPEC A