



SPECIFICATIONS

1	DIMENSIONS	LENGTH : 47' - 8" WIDTH : 102"	HEIGHT : 156" EST. WEIGHT : 21 400 LBS
2	TYPE	TC407 SOUR SEALED CRUDE OIL TRIDEM SEMI-TRAILER FOR TRIDRIVE TRACTOR OPERATION (NO SLIDING KINGPIN)	
3	SHAPE	OFFSET DOUBLE CONICAL	SMALL DIA: 72.5" (AT FRONT COMPARTMENT) 12" PITCH 74.5" (AT REAR COMPARTMENT)
4	PRODUCT(S)	MISC., COMPATIBLE WITH MATERIAL AND DESIGN OF TANK SOUR CRUDE - SEALED LADING DENSITY 10 LBS/USG	
5	REGULATION	TC407, MAWP 35 PSIG, TEST 52,5 PSIG, TEMP. -40 TO 200 F 12 IN HG (MERCURY)	

BARREL

6	COMPARTMENT(S)	2	(19 000 L FRONT - 23 000 L REAR) (COMPARTMENTS ARE PRESSURE EQUALIZED, FULL DIVIDER - NO CUTOUTS, COMMON VENTING ON EXTERNAL MANIFOLD)
7	CAPACITY	42 000 LITERS NOMINAL	
8	INNER SHELL	STAINLESS STEEL	GRADE : 316/316L 0.134" FINISH : 2B WELD FINISH : W-1 LENGTH : 508"
9	HEADS	STAINLESS STEEL	GRADE : 316/316L 0.164" FINISH : 2B WELD FINISH : W-1
10	BAFFLES	2	6" BUMPED, 316/316L 0.164", #2B FINISH
		1	6" BUMPED, PARTITION 316/316L 0.164", #2B FINISH WITH NO CUTOUTS
11	HEAT EXCHANGE SURFACE	N/A	
12	SUMP	2	4" T316 SCH40 PIPE STUB WITH ANSI FLANGE ON BELLY OF TANK AT CENTER OF TANKER
13	MANHOLE(S)	2	BETTS 8310LCX, 43.5 PSIG, 20" OPENING WITH HYPALON GASKET HINGE LOCATED CURBSIDE ONE EACH COMPARTMENT, REAR OF FRONT, FRONT OF REAR COMPT.
14	CLEAN OUTS	2	BETTS MODEL 8310LCX 20" FILL OPENING FOR CLEANING ACCESS BEYOND BAFFLES HINGE LOCATED CURBSIDE LOCATE CENTERED BETWEEN BAFFLE AND END HEAD
15	LEVEL INDICATOR CONNECTION	2	1" T316 HALF COUPLING TOP CENTERLINE WELDED IN SHELL ONE EACH "COMPARTMENT" WITH PAD AT BOTTOM OF TANK FOR TITAN GAUGE

STRUCTURE

16	REINFORCING RINGS	15	STAINLESS STEEL TOP HAT FULLY WELDED TO BARREL
17	SHELL SUBFRAME	STAINLESS STEEL CROSSMEMBERS AND OUTRIGGERS STAINLESS STEEL SILLS 3/16" HEAVY DUTY HOSE HANGER 41" LONG AT TOP OF FRONT HEAD FRONT CHASSIS SET UP FOR TRIDRIVE TRACTOR OPERATION	
18	INSULATION	N/A	
19	OUTER SHELL	N/A	

APPROVED: _____

DATE: _____



SPECIFICATIONS

REAR CABINET

20	TYPE OF CABINET		BELLY MOUNTED CABINET INSULATED WITH URETHANE WITH TWO DOORS EACH SIDE, HALOGEN LAMP APPROXIMATELY 60" WIDE X 72" LONG
21	PIPING		4" T316 SCH10 PIPE AND FITTINGS TO CABINET WITH 0.25" NPT SAMPLE PORT WITH T316 BALL VALVE LOW IN PIPING DOWNSTREAM OF PUMP 1.25" STAINLESS STEEL TUBING WASH LINE FROM REAR (ADJACENT TO VENT LINE) WITH 45 DEGREE ELBOW WITH 1" T316 CAMLOCK "A" ADAPTER AND DUST CAP TO TOP OF TANK TERMINATING NEAR MIDDLE OF SPILLDAM WITH 90 DEGREE ELBOW UP. 4" SUCTION LINE FROM BELLY CABINET WITH 3" CONNECTION ON DRIVER'S SIDE FRAME RAIL AT REAR OF LANDING GEAR ENDING WITH 3" STAINLESS STEEL MALE CAMLOCK. ANY DUST CAP REQUIRED, TAPE OUTLET FOR DELIVERY (FITTING AND HOSE BY OTHERS)
22	VALVE(S)	3	ACTUATOR BUTTERFLY VALVE 4" CAST BODY, 316SS DISC AND STEM, NITRILE SEAT ULTRAFLO 390 SERIE WITH AIR ACTUATOR AIR OPEN - SPRING CLOSE ULTRAFLO 100-094, ONE AT EACH SUMP AND ONE ON LINE BETWEEN BARREL OUTLET TO ISOLATE EACH COMPARTMENT AIR LINES TO ULTRAFLO VALVE, CONTROLS WITH FLIPPER VALVES EMERGENCY SHUT OFF MANUAL DUMP VALVE AT FRONT ON DRIVER'S SIDE FRONT FENDER
		3	4" BUTTERFLY VALVE, CAST BODY, 316SS DISC AND STEAM, NITRILE SEAT ULTRAFLO 390 SERIE WITH HANDLE IN BELLY CABINET (INCLUDING THE ONE TO BYPASS THE PUMP)
23	OUTLET FITTINGS	1	4" STAINLESS STEEL MALE CAMLOCK WITH DUST CAP AND KEEPER WIRE AT PUMP OUTLET SEALS: NO
24	PUMP	1	INSTALL A 4" T&E4000 PUMP # 110W (STRAIGHT THROUGH PORTS) AND T&E OILER KIT# OL-001, MOTOR AND CONTROLS INSIDE CABINET FOR OPERATION AND DISCHARGE FROM DRIVER'S SIDE
25	MOTOR	1	U-JOINT TO HYDRAULIC MOTOR WITH SPEED AND DIRECTIONAL CONTROL
26	HYDRAULIC LINES	2	1" T304 SCH10 PIPE FOR PRESSURE AND RETURN TO CABINET ON DRIVER'S SIDE WITH JUMPER HOSES TO CONTROLS AND STAINLESS STEEL PLUGS AT FRONT (FITTING BY OTHERS)
28	LEVEL INDICATOR	2	TITAN LEVEL GAUGE WITH HIGH LEVEL ALARM SUPPLIED AND INSTALLED BY TREMCAR ONE PER COMPARTMENT WITH ONE FINCH II DISPLAY LOCATED ON REAR WALL OF CABINET - DRIVER'S SIDE
37	HEATER		TWO (2) 1" T304 SCH10 PIPE FOR PRESSURE AND RETURN OF GLYCOL TO CABINET ON CURBSIDE WITH JUMPER HOSES TO HEATER WITH 12 VOLT FAN AND STAINLESS STEEL PLUGS AT FRONT (FITTINGS BY OTHERS) HOT WATER HEATER INCLUDED INSTALL TEMRO ZEROSTART #50L PART # 700-0501
40	CABINET LIGHT	1	HALOGEN LIGHT WITH SWITCH

APPROVED: _____

DATE: _____



SPECIFICATIONS

TOP OF THE TANK

43	MANHOLE BOX	1	COMMON DOT SPLASHBOX 2" DRAINS AT REAR BOTH SIDES ANTI SKID ADHESIVE PADS ON FLOOR
44	VENTING	2	DOT-407 PRESSURE/VACUUM VENT 3" NPT FORT VALE #R407/14224 MAWP 35 PSIG, TEST 52.5 PSIG, 12" HG VACUUM SETTING WITH TEFLON O'RING SEAT INSTALLED ON 3" NPT NIPPLE IN SPILLBOX FLOOR TO FRONT OF EACH MANHOLE OFFSET TO CURBSIDE PLUG BOTH HOLES SEALS : NO ONE (1) COMBINED 3" T316 VENT LINE FROM EACH COMPARTMENT WITH 3" AIR OPEN-SPRING CLOSE WET-R-DRY VALVES (E-COAT BODY, BUNA DISC) BETTS #WD319ALB001 DRIVER'S SIDE TO REAR OF TANK OPERATOR LEVEL WITH 45 DEGREE ELBOW AND 3" ALUMINUM WET-R-DRY VALVE (E-COAT BODY, BUNA DISC) BETTS #WD301ALB001 TERMINATING WITH T316 CAMLOCK "A" ADAPTER AND DUST CAP AIR CONTROLS (FLIPPER TYPE) IN CABINET WITH REMOTE CLOSURE REMOTE PRESSURE/VACUUM GAUGE LOCATED IN BELLY CABINET, 3/4" FITTING ON 1-1/2" SENSING LINE FROM VENTLINE WITH BALL VALVE AND DRAIN TUBE AT PRESSURE/VACUUM GAUGE TO ELIMINATE MOISTURE
45	VACUUM BREAKER	N/A	
47	CATWALK	1	11.75 INCH ALUMINUM DIAMOND GRIP AT 10 O'CLOCK FULL LENGTH OF TANK, DRIVER SIDE
50	LADDER	1	S.S. 1 1/4" TUBE WITH PLATFORM STEPS AND DOUBLE RISERS BOLTED ON LADDER(S) DRIVER SIDE
51	SAFETY RAILING	1	STAINLESS STEEL FIXED HANDRAIL ON 10 O'CLOCK WALKWAY, DRIVER SIDE

SUSPENSION

52	SUSPENSION BOGIE		1/4" STAINLESS STEEL, TAPERED
53	TYPE OF SUSPENSION	3	INTRAAX AA250T, 25000 LBS, 15" R.H. SPREAD : 60" - 60"
54	SUSPENSION - AIR LIFT	N/A	
55	CONTROL SYSTEM	1	HENDRICKSON AIR CONTROL #AKH134-3 WITH MANUAL DUMP VALVE #AK147-1 IN A STAINLESS STEEL BOX DRIVER'S SIDE REAR SUBFRAME LOCATE ABS DIAGNOSTIC PLUG IN PROTECTIVE TUBE INCLUDE GAUGE FOR AIR SUSPENSION SYSTEM PRESSURE
56	AXLES	3	INCLUDED WITH SUSPENSION, 25 000 LBS, 77.5" TRACK, WELD-ON SPIDERS, SAME INNER AND OUTER BEARINGS ABS BLOCKS AND DUST SHIELDS
57	OIL SEALS	6	INCLUDED WITH INTRAAX
58	BRAKES		HXS LINING 16.5" X 7" HENDRICKSON 20K TSE ULTRA LIFE LONG STROKE AUTOMATIC SLACK ADJUSTERS: MERITOR 28 SPLINES ABS SYSTEM: MERITOR-WABCO 2S/1M SENSORS ON AXLES (FRONT TO REAR): 2 THE ABS LIGHT MOUNTED ON REAR FENDER AT STANDARD LOCATION BY REGULATION SHIELD ABS CABLES AS PRACTICAL DIAGNOSTIC PLUG IN PROTECTIVE TUBE
59	HUB & DRUM	6	HUB PILOTED, CONMET PRESET ALUMINUM HUB, 10 STUDS WITH ABS TONE RINGS OUTBOARD MOUNTED CENTRIFUSE DRUM
60	RIMS	12	ALUMINUM DISC, HUB PILOTED, 10 HOLES, 8.25 X 24.5 6 POLISHED ID, 6 MACHINE FINISH

APPROVED: _____

DATE: _____



SPECIFICATIONS

61	TIRES	12	AEOLUS HN 08 11R24.5 16 PLY
62	HUBDOMETER	1	STEMCO 24.5 @ KM ON CURBSIDE IN CENTER OF TRIDEM
63	LANDING GEAR	1	JOST A450 MAGNUM, NO LUBE, 10 YEARS GUARANTY C/W 3/16" STAINLESS STEEL FRAME LOCATE FOR TRIDRIVE TRACTOR SWING CLEARANCE
64	TIRE CARRIER	N/A	
65	KING PIN PLATE	1	HEAVY DUTY 3/8" PLATE, BOLTED, ADJUSTABLE @ 2" EXTENDED ATTACHMENT RAILS FOR TRIDRIVE TRACTOR AND SKID PLATES AS REQUIRED
67	BUMPER	1	4" X 4" FOR REAR IMPACT GUARD ACCORDING TO NHTSA 4" X 8" SPLIT RSPA REAR END PROTECTION STAINLESS STEEL TUBING INCORPORATE TOW HOOK
70	FENDERS	1	STAINLESS STEEL 18GA #4 FINISH, TREMCAR STYLE WITH PUCKBOARD LINER AND STAINLESS STEEL SUPPORTS
		1	PAIR FRONT FENDER EXTENDED FOR TRIDRIVE TRACTOR OPERATION
		1	PAIR TRIDEM FENDER GAP TO SILLS FILLED WITH 12GA STRIP AND PUCKBOARD STRAPS 12GA STRIP NO HOLES ACCEPTED IN PUCKBOARD

ACCESSORIES

71	SIDE CABINET	N/A	
72	HOSE CARRIER	2	72-11-21-C-O: 6.5" X 14" X 21' STAINLESS STEEL HOSE TROUGH WITH DRAIN SLOT AT REAR AND RETAINING CHAINS. LOCATED ONE EACH SIDE OF TRAILER AT REAR
73	PLACARD HOLDERS	4	LABEL MASTER STAINLESS STEEL SLIDE-IN, WITH ATTACHMENT BRACKETS
74	THERMOMETER ON TANK	N/A	
75	NOSE BOX	1	TREMCAR STYLE, ON FRONT HEAD, LOWER QUADRANT DRIVER'S SIDE GROTE RECEPTACLE 7 WAYS SAE-J560 AND 4-WAY WITH 14 GA WIRING TO JUNCTION BOX ON BACKSIDE OF CABINET, DRIVER'S SIDE RECEPTACLE 4 WAYS SUPPLYING POWER TO WORK LAMPS, TITAN GAUGES AND CABINET HEATER
76	LIGHTS	3	LED GROTE NEXGEN GROMMETMOUNT LIGHTS AND ULTRA-BLUE-SEAL WIRING WITH MAINTENANCE FREE 7YEAR WARRANTY WIRING SHIELDED OR THROUGH CONDUIT SIDE CENTER MARKER LIGHTS WIRED TO FLASH WITH TURN SIGNALS HIGH MOUNTED OBLONG STOP LAMP AT REAR TWO ADDITIONAL OBLONG TURN/TAIL RED LAMP AT TOP OF CATWALK ONE EACH SIDE OF CATWALK NO BACK-UP LIGHTS
		3	WORKING LAMPS WITH SWITCH TWO AT REAR ON FRAME RAILS, EACH SIDE OF LADDER FOR BACK-UP/WORK LAMPS AND ONE AT REAR OF SPILLDAM OFFSET TO DRIVER'S SIDE TO AIM FORWARD
77	LIGHT BOX	2	STAINLESS STEEL, BOLT ON
78	REGISTRATION HOLDER	1	PS-1, ON FRONT FRAME ON DRIVER'S SIDE
		1	ALUMINUM TUBE ON DRIVER'S SIDE FRONT FENDER
79	MUDFLAPS		TREMCAR, WITH PLAIN BLACK CONVEYOR BELTING AT LANDING GEAR AND AT FRONT OF REAR SUBFRAME AND TREMCAR WITH BLACK RUBBER MUD FLAP BACKING AT REAR OF REAR SUBFRAME
81	PAINT		FRAME: POLYURETHANE ENAMEL BLACK (MILD STEEL PARTS ONLY) RIMS: N/A
82	CALIBRATION	1	PAPER CHART 1" INCREMENTS VERSUS LITERS
83	PASSIVATION	N/A	
84	MISCELLANEOUS	1)	CONTINUOUS CONSPICUITY TAPE ON FENDERS, SILLS, HOSE TUBES, BUMPER AND REAR HEAD

APPROVED: _____

DATE: _____