



QUOTE : REF: 11394
 CUSTOMER : TREM CAR STOCK
 JOB : 13581
 DELIVERY : AVAILABLE

MODEL

- 1 DIMENSIONS EST LENGTH : 242" EST HEIGHT : 71"
 WIDTH : 102" EST. WEIGHT : 5,000 LBS
- 2 TYPE 2013 HUTCHINSON ALUMINUM TANK BODY
 WET HEAD DESIGN. (NO CANOPY)
- 3 SHAPE SEMI-OVAL SHAPE TO TC-406-CRUDE SPECIFICATIONS
- 4 PRODUCT(S) CRUDE OIL
- 5 REGULATION MEETS OR EXCEEDS CODE REQUIREMENTS TO **TC-406-CRUDE** REGULATIONS.
 CONFORMS TO FEDERAL MOTOR VEHICLE SAFETY STANDARDS ON THE DATE OF MANUFACTURE.
 MAX TEMPERATURE 100 DEGREES CELCIUS. WORKING TEMPERATURE: AMBIENT
 MAXIMUM PRODUCT LOAD: 0.84LBS PER GALLON

BARREL

- 6 COMPARTMENT(S) SINGLE COMPARTMENT
- 7 CAPACITY 16,000 + 3% OVERAGE
- 8 INNER SHELL ALUMINUM ALLOY 5454-H32, .250" BOTTOM WITH .188" SIDES
 TANK FINISH: MILL ALUMINUM
- 9 HEADS DISHED AND FLANGED TRUE OVAL
- 10 BAFFLES SURGE BAFFLES AS REQUIRED BY CODE DESIGN
- 12 SUMPS 1 4" BETTS ALUMINUM SUMP #SU25188AL 8" BACK FROM FRONT HEAD
 1 ALUMINUM SUMP .500" X 10-BOLT TO SUIT DUMP VALVE AT REAR BOTTOM
- 13 MANHOLE(S) 1 16" BETTS CENTRE FILL DOME COVER #PPVL720BXB
 1 20" SOLIMAR COVER AT FRONT OF TANK AND OPENING TO REAR WITH OVERTURN PROTECTION
- 15 LEVEL INDICATOR 1 406 TOP LEVEL INDICATOR

STRUCTURE

- 16 TANK STRUCTURE 2 .188" OVERTURN RAILS
- 17 SHELL SUBFRAME SILLS .375" HEAVY DUTY WELDED ALUMINUM FRAME WITH PADS, CROSSMEMBERS
 AND OUTRIGGERS

DISCHARGE

- 21 PIPING ALL PIPING ALUMINUM SCH40 WITH SCH40 ELBOWS
- 22 PRODUCT VALVE 1 10" BRENDA MECHANICAL VALVE AT REAR SUMP PROTECTED BY SUBFRAME
 1 CRANK HANDLE DIRECTLY ABOVE VALVE ON TOP OF TANK
 1 11" DIAMETER STEEL DOWNSPOUT WITH 2.5" DEEP STEEL CAP OPERATED BY OVER THE CENTRE MECHANICAL LEVER AND
 INCLUDING QUICK PIN LOCK
- 23 DISCHARGE 1 4" GRAVITY DISCHARGE FROM THE REAR 10" SUMP TO OUT REAR HEAD CURBSIDE TERMINATING WITH
 1 4" AIR-OPERATED BUTTERFLY VALVE WITH PART A MALE CAMLOCK AND DUST CAP
NOTE: INSTALLED MINIMUM 6" IN FROM THE REAR OF BUMPER
- 34 GAUGE 1 HUTCHINSON FLOAT GAUGE (ROTO) AT DRIVERSIDE MIDDLE
- 39 GROUNDING 3 BRASS GROUNDING KNOBS IN TOP WALKWAY DRIVERSIDE
 2 BRASS GROUNDING KNOBS AT FRONT OUTRIGGERS (ONE PER SIDE)

APPROVED: _____

DATE: _____



SPECIFICATIONS

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TOP OF THE TANK

- | | | | | |
|----|---------------|----|---|--|
| 40 | SUCTION LINES | A) | 1 | 4" INTERNAL PUMP OFF LINE THROUGH REAR HEAD AND RUN FORWARD TO THE FRONT AND OUT DRIVERSIDE TANK SHELL WITH 4" MANUAL BUTTERFLY VALVE OUTSIDE THE TANK AT EACH END |
| | | B) | 1 | ADDITIONAL SHORT LINE INSTALLED AT THE FRONT BOTTOM 4" SUMP THOROUGH THE DRIVERSIDE FRONT SHELL WITH |
| | | | 1 | 4" AIR-OPERATED BUTTERFLY VALVE OUTSIDE THE SHELL |
| | | C) | | BOTH VALVES TO HAVE ELBOWS FACING EACH OTHER AND THE DISCHARGE IS A "TEE" TO CONNECT THE 2 - 4" LINES. |
| | | | 1 | EQUIP THE "TEE" WITH 4" MALE CAMLOCK AND DUST CAP POINTING DOWN |
| | | | 1 | TWO COMPARTMENT AIR SELECTOR PANEL TO BE INSTALLED ON DRIVERSIDE FRONT OUTRIGGER FACING OUTBOARD |
| | | D) | 1 | EMERGENCY RELEASE VALVE INSTALLED ON CURBSIDE FRONT OUTRIGGER |
| | | E) | | FUSIBLE PLUGS IN A "T" AT AIR INLET (FOR EACH BUTTERFLY VALVE) |
| 44 | VENTING | | 1 | 3" BETTS INVERTED AIR-OPERATED VALVE #EV46934ALTS LOCATED NEAR 16" COVER AND PIPED TO REAR AND THROUGH |
| | | | 1 | END PLATE AND PIPED DOWN REAR HEAD WITH 3" SCH40 ALUMINUM PIPE ANGLED 10 DEGREES TO CURBSIDE WITH |
| | | | 1 | 3" BETTS MANUAL WET-R-DRI VALVE WITH MALE CAMLOCK AND DUST CAP. |
| 47 | CATWALK | A) | | FULL LENGTH LIQUID TIGHT OVERTURN RAILS TO TC406 CODE |
| | | B) | | TUNNEL ACROSS RAILS 40" TO FRONT AND 20" TO REAR OF SOLIMAR CENTRE |
| | | C) | | DRAINS 1.5" INSTALLED BETWEEN DAM RAILS AT FRONT AND REAR AND INSIDE SOLIMAR SPLASH BOX AT FRONT AND REAR |
| | | | 4 | CURBSIDE DRAINS 1.5" WITH PLUGS INSTALLED |
| | | | 4 | DRIVERSIDE DRAINS 1.5" WITH WELDED "T" HANDLE PLUGS |
| | | D) | | BOXED IN AREA AROUND SOLIMAR TO BE BARE METAL |
| | | E) | | 3" ALUMINUM CHANNEL ON ROLLOVER FRONT AND MIDDLE OF SOLIMAR |
| 50 | LADDER | | 1 | 1 1/4" ALUMINUM PIPE LADDER AT CENTRE REAR C/W 9.5" X 24" GRIPSTRUT TOP STEP |

MOUNTING

- | | | | | |
|----|-----------------|--|-----|---|
| 52 | TANK MOUNTING | | 12 | HUTCHINSON HEAVY DUTY 406 TOP & LOWER TANK MOUNTING BRACKETS SPRING LOADED AS NECESSARY. NEOPRENE RUBBER PADS BETWEEN TANK SILLS AND CHASSIS FRAME. (MOUNTING KIT SUPPLIED LOOSE) |
| 67 | BUMPER | | N/A | |
| 70 | FENDERS | | 2 | 108" LONG HUTCH FABRICATED .125" FLAT FENDERS WITH HEAVY DUTY MOUNTING BRACKETS (SUPPLIED LOOSE) |
| 73 | PLACARD HOLDER | | 4 | ALUMINUM SLIDEMASTER PLACARDS |
| 76 | LIGHTS & WIRING | | | TO CANADIAN MOTOR VEHICLE SAFETY STANDARDS. ALL LAMPS VAPOUR PROOF SEALED LED STYLE. ALL WIRING IN NEOPRENE CONDUIT RUN INTO JUNCTION BOX ON DRIVERSIDE FRONT OUTRIGGER. THREE LIGHTS EACH SIDE REAR RUN LOCATED AS SHOWN ON DWG. 7754-SHT1 (STOP/TAIL, TURN/TAIL, STOP/TAIL) FRONT AND MIDDLE TANK MARKERS/DIRECTIONAL SIGNALS 3-ID LIGHTS ON REAR END PLATE |
| 79 | MUDFLAPS | | 4 | TNT RUBBER FLAPS WITH CHROME RETAINERS (SUPPLIED LOOSE) |
| 84 | MISC | | 2 | TANK LIFTING LUGS INSTALLED AT TOP OF TANK WELDED TO DAM RAILS. |
| | | | 1 | SAMPLE VALVE .500" IN A 6" WELL LOCATED ON DRIVERSIDE BENEATH FLOAT GAUGE AND PROTECTED BY OUTRIGGER |
| | | | 1 | TANK BODY SHIPPED OUT ON A FLAT BED TRAILER WITH NOTED LOOSE SHIPPING ITEMS CUSTOMER TO MOUNT ON CUSTOMER SUPPLIED CHASSIS AT DESTINATION. |

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