

4756-SS1



790 Avenue Montrichard
 Saint-Jean-sur-Richelieu
 Canada J2X 5G4
 Transport Canada Reg. # 25-264

CERTIFICATE OF COMPLIANCE

THIS CERTIFIES THAT THE NEW TREM CAR INC TANK, FITTINGS, VALVES, PIPING AND PROTECTIVE DEVICES DESCRIBED BELOW WAS DESIGNED, CONSTRUCTED, TESTED, AND COMPLETED IN ACCORDANCE WITH THE APPLICABLE CARGO TANK SPECIFICATION

VEHICLE TY: TRAILER MANUFACTURER: TREM CAR INC. TCRN: N/A
 ASSEMBLER: (IF NOT SAME AS MANUFACTURER) 2TL5L4328KB000189 MDIN: 13017
 VIN: 18851 TANK SERIAL NUMBER:

RESPONSIBLE OFFICIAL OF TREM CAR INC. DESIGN ENGINEER TANK INSPECTOR
 NAME AND ADDRESS (IF NOT SAME AS ABOVE)

CARGO TANK COMPLIES WITH SECIFICATION:

TC 407

VENTS INTALLED: RATING DATE OF MFR: 2018-03
 1. BETTS RVC3ST-25, 409559 SCFH (90%) DATE OF CERT.: 2018-03
 2.
 3.

ITEMS NOT INSTALLED AT TIME OF SHIPMENT: 1.

ORIG. TEST DATE	2018-03				
MAX. PAYLOAD	27443	KG			
MAX LOAD RATE	1893	L/MIN @	172.3	Kpa	
MAX. UNLOAD RATE	1893	L/MIN @	172.3	Kpa	
HEATING SYS. PRESS.	516.8	Kpa		HEATING SYS. TEMP.	121.1 °C
MAWP	172.3	Kpa	310.1	TEST P	Kpa
DESIGN TEMP. RANGE	-29	°C		TO	121 °C
WELD MATL.	ER316L			HEAD MATL.	SA240-316/316L
SHELL MATL.	SA240-316/316L			LINING	N/A
MIN. SHELL THICK.	TOP 2.921	MM		BOTTOM	2.921 MM
MFD SHELL THICK.	TOP 3.277	MM		BOTTOM	3.277 MM
MIN HEAD THICK.	2.921	MM		MFD HEAD THICK.	3.556 MM
MAX. LADING DENSITY	1.92	KG/L		VOL. CAP	26 790 L
EXPOSED SURFACE AREA	67.07	SQ M			

TANKER TEST AND INSPECTION REPORT

Information as required by CSA B-620-14

INSPECTION TEST DATE	2018-03	SERIAL NUMBER	18851
CARRIER (if other than owner)			
PRINCIPAL PLACE OF BUSINESS ADDRESS			
CITY, STATE, ZIP CODE			
TC SPECIFICATION NO.	407	FLUID CAPACITY (L)	26790
MANUFACTURER'S SERIAL NO.			
CARRIER'S EQUIPMENT NO.	2T1SL4328KB000189		

ORIG. TEST DATE	2018-03
VESSEL MATERIAL SPEC. NO.	
MFG. DATE	2018-03
TEST PRESSURE	310.10 KPA
PSIG / 10 MIN	45
PSIG / 5 MIN	25
A = AIR	
W = WATER	

CERTIFIED BY
TREM CAR INC.
26790

DESIGNED FOR
MINIMUM ALLOWABLE WORKING PRESSURE: 172.28 KPA
MINIMUM DESIGN METAL TEMPERATURE: -29 TO 121 C TO C

TYPE OF TEST (S)

EXTERNAL VISUAL (V)	✓	PRESSURE RETEST (P)	A	W	✓	45	PSIG / 10 MIN
INTERNAL VISUAL (I)	✓	LEAKAGE TEST (K)	A	W	✓	25	PSIG / 5 MIN
THICKNESS TEST (T)	✓	UPPER COUPLER (UC)	MEDIUM				

HYDROSTATIC OR PNEUMATIC PROCEDURE
ON COMPARTMENTED TRAILER ONLY ONE COMPARTMENT CAN BE FILLED WITH LIQUID (FLUID USE FOR TEST IT'S ONLY WATER) OR AIR WHEN PNEUMATIC TEST IS USED (SEE MANUAL FOR PROCEDURE) AND TEST AT A TIME ALL ADJACENT COMPARTMENT MUST BE EMPTY

CHECKLIST OF ITEMS INSPECTED OR TESTED (YES=ACCEPT/NO=REJECT)

OUTSIDE BARREL ITEMS	P	K	T	STRUCTURE ITEMS	YES	NO	GENERAL ITEMS	YES	NO	INTERNAL BARREL ITEMS	YES	NO
Tank Shell	✓	✓	✓	Roll over & bumper protection	✓		Distortions	✓		Interior surface, including heads for corrosion	✓	
Tank Heads	✓	✓	✓	Nuts and Bolts	✓		Dents	✓		distortion overlay patches, cracking etc.	✓	
Head - to - Shell Seam	✓	✓	✓	Major Appurtenances	✓		Welds	✓		Areas above upper coupler, landing gear legs and subframe for indications of distortion or cracks	✓	
Piping	✓	✓	✓	- connecting structures	✓		Frangible (Rupture) Disk	✓		Interior welds for defects or cracking	✓	
Valves	✓	✓	✓	- suspension system attachments	✓		Pressure of heating system	✓		Size of the weld and their conformity	✓	
Gaskets	✓	✓	✓	Drop upper coupler	✓		Flues for Heating System	✓		Internal supports and attachments	✓	
Manhole Covers	✓	✓	✓	In place upper coupler	✓		Name plate	✓		Internal valves, piping and vents for leakage, damage	✓	
Manhole Gaskets	✓	✓	✓	Corroded or Abraded Areas	✓		ASME Name plate	✓		Weld of baffles and pads	✓	
Devices for Tightening Manhole	✓	✓	✓		✓		Tanker Insulate	✓		Gaskets on Full Opening Rear Head	✓	
Reclosing Pressure Relief Valves	✓	✓	✓		✓		Lining Material	✓		Internal piping pressure test	✓	
Self-closing Stop-valves	✓	✓	✓		✓		Corrosive transport	✓				
Excess Flow Valves	✓	✓	✓		✓							
Remote Closure Devices	✓	✓	✓		✓							

(CHECK ONE) NO DEFECT OR DAMAGE DISCOVERED DEFECT OR DAMAGE DISCOVERED

EXPLAIN:
NONE - NEW CARGO TANK

METHOD OF REPAIRS:
IS REPAIR CERTIFICATION REQUIRED? YES NO
DESIGN CERTIFYING ENGINEER REGISTRATION NO. NONE - NEW TANK TRUCK

TEST DATE: 2018-03
REPAIR DATE:

TC REGISTRATION NUMBER OF THE TESTING FACILITY/ PERSON: ROUSSELL LIOANEL
TESTED BY: (PERSON'S)
COMPANY NAME: TREM CAR INC.
ADDRESS: 790 MONTRICHARD AVE.
CITY, STATE, ZIP CODE: ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4

DISPOSITION OF CARGO TANK APPLIED X IN THE APPROPRIATE CASE
CARGO TANK MEET TC SPECIFICATIONS AND IS RETURN TO SERVICE
CARGO TANK FAIL TC SPECIFICATIONS AND IS OUT OF SERVICE

TC REGISTRATION NUMBER: 25-0264
DATE: 2018-03
MARKINGS APPLIED: YES NO

SIGNATURE OF INSPECTOR: [Signature]
OWNER SIGNATURE: [Signature]
DATE: [Date]

TREM CAR



790, avenue Montrichard
St-Jean-sur-Richelieu, QC
Canada J2X 5G4

CT-5931



ST-JEAN-SUR-RICHELIEU

CT-5930



ST-CÉSAIRE

BCTE INC.

ISSUED TO OWNER

THIS CERTIFIES THAT THE NEW **TREM CAR** TANK DESCRIBED BELOW WAS DESIGNED, CONSTRUCTED, TESTED AND COMPLETED IN ACCORDANCE WITH THE APPLICABLE CARGO TANK SPECIFICATION.

VEHICLE TYPE : **SEMI TRAILER**

YEAR FABRICATED : **2018**

CAPACITY : **7077 USG**

DATE SHIPPED : **2018-03**

VIN : **2T15L43Z8KB000189**

SERIAL NUMBER : **18851**

RESPONSIBLE OFFICIAL OF TREM CAR INC.

DESIGN CERTIFICATION ENGINEER

REGISTERED INSPECTOR

CARGO TANK COMPLIES WITH SPECIFICATION



DOT :

407

CERTIFICATION DATE :

2018-03

CARGO TANK COMPLIES WITH SPECIFICATION



DOT :

EXCEPT AS LISTED

CERTIFICATION DATE :

FIRM

AUTHORIZED SIGNATURE(S)

BY :

ABOVE ITEMS INSTALLED :

4

3

2

1

ITEMS NOT INSTALLED AT TIME OF SHIPMENT :

TANKER TEST AND INSPECTION REPORT

For compliance with 49 CFR 180.407(h)(4), 180.417(b) & (c), and 40 CFR 60.505(b)

TANK IDENTIFICATION NO.		INSPECTION TEST DATE		REPORT NUMBER	
		2018-03		18851	
CARRIER (if other than owner)					
PRINCIPAL PLACE OF BUSINESS ADDRESS					
CITY, STATE, ZIP CODE		TELEPHONE		TELEPHONE	
OWNER'S TANK SERIAL NO.		MFG. DATE		VESSEL MATERIAL SPEC. NO.	
2018-03		2018-03			
CARGO TANK MOTOR VEHICLE MFG.		CARGO TANK MOTOR VEHICLE CERT. DATE		MANUFACTURER'S TANK SERIAL NO.	
TREM CAR		2018-03		2TSL4328KB000189	
MAX. WEIGHT OF LADING		LINING MATERIALS		FLUID CAPACITY (GALS.)	
N/A		N/A		7077 USG	
LBS. 60500		DESIGN PRESSURE (PSIG)		MAXIMUM ALLOWABLE WORKING PRESSURE	
75		250		PSIG 25	
HEATING SYSTEM		DESIGN TEMPERATURE		WATER CAPACITY IN LBS.	
		F 250		59022	

TANK					
<input type="checkbox"/> LINED <input checked="" type="checkbox"/> INSULATED					
<input type="checkbox"/> SPECIAL SERVICE					
<input type="checkbox"/> MATERIAL CORROSIVE TO TANK					
<input type="checkbox"/> DEDICATED SERVICE					
<input type="checkbox"/> OTHER					
ORIGINAL TEST DATE 2018-03					
DESIGN TEMPERATURE F -20 TO F 250					
TANK					
K-EPA27					
Gasoline Delivery Tank Pressure Test - EPA Reference Method 27					
TEST PRES.	TIME START	END	MEASURE	START	END
1					
2					
VAC. 1					
VAC. 2					
VR VENT 1					
VR VENT 2					
UPPER COUPLER ASSEMBLY					
<input checked="" type="checkbox"/> EXAMINED IN PLACE NEW					
<input type="checkbox"/> REMOVED FOR EXAMINATION					
LEAKAGE TEST		PRESSURE TEST		PRESSURE TEST	
FLUID USED WATER		WATER		WATER	
PRESSURE 25		25		45	
HOLDING TIME 5 min		5 min		10 min	

ITEMS INSPECTED OR TESTED			TYPE	MIN. TESTED
YES	NO	ITEM		
		FRANGIBLE (Rupture) Disk		
		Major Appurtenances		
		- upper coupler assembly		
		- suspension system attachments		
		- connecting structures		
		Lining Material		
		Pressure Bearing Portions of Heating System		
		Flues for Heating System		
		Corroded or Abraded Areas		
		Distortions		
		Dents		
		Welds		
DELIVERY HOSE/PIPING				
THICKNESS (INCHES)				
HEAD 0.115				
SHELL TOP 0.115				
SHELL SIDE 0.115				
SHELL BOTTOM 0.115				
MFG. 0.129				
0.127				
0.127				
0.127				
MFG. 25				
30				
27				
MFG. 0.129				
0.127				
0.127				
0.127				

(CHECK ONE) NO DEFECT OR DAMAGE DISCOVERED DEFECTS OR DAMAGE DISCOVERED

LOCATION OF DEFECTS OR DAMAGE: weld liquid phase vapor phase heat-affected zone heat-to-shell seam delivery hose/piping appurtenances

Explain: **NONE - NEW CARGO TANK**

NATURE AND SEVERITY:

METHOD OF REPAIRS: IS REPAIR CERTIFICATION REQUIRED? YES NO DESIGN CERTIFYING ENGINEER REGISTRATION NO. _____

THIS UNIT HAS HAULED	<input type="checkbox"/> ANHYDROUS AMMONIA (<input type="checkbox"/> CERTIFIED AS 0.2% WATER BY WEIGHT)	<input type="checkbox"/> ANY OTHER MATERIAL THAT MAY CAUSE STRESS CORROSION CRACKING	STRESS RELIEVED AFTER FABRICATION	REPAIR DATE
DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON	<input type="checkbox"/> LIQUEFIED PETROLEUM GAS		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
TESTED BY (Person's Name)	TEST DATE	STRESS RELIEVED AFTER REPAIR	ASME OR NATIONAL BOARD NO. OF REPAIR FACILITY	
CT-5931	2018-03	<input type="checkbox"/> YES <input type="checkbox"/> Full <input type="checkbox"/> Local <input type="checkbox"/> NO		
ROUSSELLE LIONEL				
ADDRESS				

RECORD OF ANNUAL INSPECTION

(49 CFR, 396. 17-23)

Prepare Separate Report for Each Vehicle Inspected

DATE
2018-03

D3918883

COMPANY NAME	VEHICLE TYPE <input type="checkbox"/> TRUCK <input type="checkbox"/> TRACTOR <input checked="" type="checkbox"/> TRAILER <input type="checkbox"/> CONVERTER <input type="checkbox"/> DOLLY
STREET ADDRESS	VEHICLE MAKE TREMCAR MODEL TRA/REM YEAR 2019
CITY	STATE ZIP
VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TLSL4328KB000189	
INSPECTOR'S NAME (Please Print)	EMPLOYEE NO.

REPORT OF CONDITION (For Detailed Information on Inspection Procedures see FMCSR Section 396, Appendix G)

	OK	REPAIR	EXHAUST	OK	REPAIR	STEERING	OK	REPAIR	FRAME	OK	REPAIR
BRAKES											
Adjustment	✓		Leaks			Adjustment			Members		
Mechan. Compon.	✓		Placement			Column/Gear			Clearance		
Drum/Rotor	✓		LIGHTING			Axle					
Hose/Tubing	✓		Headlights			Linkage			TIRES		
Lining	✓		Tail/Stop	✓		Power Steering			Tread	✓	
Antilock System	✓		Clearance/Marker	✓		Other			Inflation	✓	
Automatic Adjusters	✓		Identification	✓		FUEL SYSTEM			Damage	✓	
Low Air Warning			Reflectors	✓		Tank(s)			Speed Restrictions		
Trailer Air Supply			Other TAPE	✓		Lines			Other		
Compressor											
Parking Brakes			CAB/BODY			SUSPENSION			WHEELS/RIM		
Other			Access			Springs			Fasteners	✓	
			Eqpt./Load Secure			Attachments	✓		Disc/Spoke	✓	
COUPLERS			Tie-Downs			Sliders			500-LBS TORQ	✓	
Fifth-Wheel & Mount			Headerboard			AIR	✓		WINDSHIELD		
Pin/Upper Plate	✓		Motorcoach Seats			MIRRORS					
Pintle-Hook/Eye			Other						WINDSHLD. WIP.		
Safety Chain(s)											

REMARKS

Certification: This vehicle has passed all the inspection items for the annual vehicle inspection in accordance with 49 CFR Part 396.

QUALIFIED INSPECTOR'S SIGNATURE *Scott Rowan* DATE 2018-03

APPLY LABEL TO A CLEAN, DRY SURFACE. USE WITH AN OVERLAMINATE (2402) TO IMPROVE DURABILITY UNDER NORMAL WEATHER CONDITIONS.

AN INDELIBLE INK MARKER IS RECOMMENDED FOR USE WHEN FILLING OUT THE LABEL. INDELIBLE INK IS PERMANENT AND WILL NOT WASH OFF, BUT MAY FADE DUE TO EXPOSURE TO ULTRAVIOLET LIGHT OVER TIME. CAREFUL DISCRETION IS ADVISED REGARDING APPLICATION OF LABEL TO AN AREA NOT EXPOSED TO EXCESSIVE ULTRAVIOLET LIGHT AND/OR ELEMENTS AND IT IS RECOMMENDED THAT THE READABILITY OF THE LABEL BE CHECKED PERIODICALLY.

Job#: 18843@18892	Units: USG	Job#: 18843@18892	Units: USG
CHARTE DE CALIBRATION / CALIBRATION CHART		CHARTE DE CALIBRATION / CALIBRATION CHART	
CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1	
0"	0"	0"	0"
1/4"	1/4"	1/4"	1/4"
1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	3/4"
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THIS CHART IS NOT INTENDED FOR LEGAL MEASURE
CETTE TABLE N'EST PAS CONÇUE POUR MESURE LEGALE