

SIRV 156



790 Avenue Montriehard
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 TYI _____ TRAILER _____ MANUFACTURER: TREM CAR INC. TCRN: N/A
ASSEMBLER: (IF NOT SAME AS MANUFACTURER) _____ MDIN: 13017
TANK SERIAL NUMBER: _____ VIN: 2TJSL432XL8000390
19974

[Signature]
WORK INSPECTOR
NAME AND ADDRESS (IF NOT SAME AS ABOVE)

[Signature]
DESIGN ENGINEER

RESPONSIBLE OFFICIAL OF TREM CAR INC.

CARGO TANK COMPLIES WITH SECIFICATION:

TC 407

DATE OF MFR: 2019-04
DATE OF CERT.: 2019-04


VENTS INSTALLED: RATING _____
1. BETTS RVCST-25, 409559 SCFH (90%)
2. _____
3. _____

ITEMS NOT INSTALLED AT TIME OF SHIPMENT: 1. _____

ORIG. TEST DATE	2019-04		
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
MWP	172.3	Kpa	TEST P 310.1 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. 3.356 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		SERIAL NUMBER			
2019-04		19574			
OWNER					
CARRIER (if other than owner)					
PRINCIPAL PLACE OF BUSINESS ADDRESS					
CITY, STATE, ZIP CODE					
TELEPHONE:					
MFG. DATE					
ORIG. TEST DATE					
TC SPECIFICATION NO.					
FLUID CAPACITY (L)					
26790					
MANUFACTURER'S SERIAL NO.					
ASME CODE SYMBOL					
2T1L1432XLB000390					
CERTIFIED BY					
TREM CAR INC.					
MANUFACTURER					
WATER CAPACITY (Kg)					
26790					
DESIGNED FOR					
MAXIMUM ALLOWABLE WORKING PRESSURE		MINIMUM DESIGN METAL TEMPERATURE			
172.28 KPA		-29 TO 121 C TO C			
CHECKLIST OF ITEMS INSPECTED OR TESTED (YES=ACCEPT/NO=REJECT)					
STRUCTURE ITEMS	YES	NO	INTERNAL BARREL ITEMS	YES	NO
Roll over & bumper protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Interior surface, including heads for corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nuts and Bolts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Distortion overlay patches, cracking etc	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Head - to - Shell Seam	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Areas above upper coupler, landing gear legs and subframe for indications of distortion or cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Major Appurtenances	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Size of the weld and their conformity	<input checked="" type="checkbox"/>	<input type="checkbox"/>
connecting structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Internal supports and attachments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
suspension system attachments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Internal valves, piping and vents for leakage, damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drop upper coupler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Weld of baffles and pads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In place upper coupler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Corroded or Abraded Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Internal piping pressure test	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Manhole Gaskets	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Devices for Tightening Manhole	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Self-closing Stop-valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Excess Flow Valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Remote Closure Devices	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
(CHECK ONE)					
<input checked="" type="checkbox"/> NO DEFECT OR DAMAGE DISCOVERED					
<input type="checkbox"/> DEFECT OR DAMAGE DISCOVERED					
EXPLAIN:					
NONE - NEW CARGO TANK					
METHOD OF REPAIRS:					
IS REPAIR CERTIFICATION REQUIRED?		DESIGN CERTIFYING ENGINEER REGISTRATION NO.		NONE - NEW TANK TRUCK	
YES		NO			
TC REGISTRATION NUMBER OF THE TESTING FACILITY/ PERSON					
TESTED BY: (PERSON'S)		REPAIRED BY:			
6046016 RA-MAD		ADDRESS			
COMPANY NAME:		CITY, STATE, ZIP CODE			
TREM CAR INC.		ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4			
ADDRESS:		CARGO TANK MEET TC SPECIFICATIONS AND IS RETURN TO SERVICE		MARKINGS APPLIED	
790 MONTRICHARD AVE.		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
CITY, STATE, ZIP CODE:		DATE		OWNER SIGNATURE	
ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4		2019-04		2019-04	
DISPOSITION OF CARGO TANK APPLIED X IN THE APPROPRIATE CASE					
SIGNATURE OF INSPECTOR		TC REGISTRATION NUMBER		DATE	
		25-0264		2019-04	



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

CT-5931
ST-JEAN-SUR-RICHELIEU

CT-5930
ST-CESAIRE

ISSUED TO OWNER
BCTE INC.

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 CAPACITY : 7077 USG DATE SHIPPED : 2019-04

YEAR FABRICATED : 2019 VIN : 2T1S1432XLB000390 SERIAL NUMBER : 19574

RESPONSIBLE OFFICIAL OF TREM CAR INC. [Signature]
DESIGN CERTIFICATION ENGINEER [Signature]
REGISTERED INSTALLER [Signature]

CARGO TANK COMPLIES WITH SPECIFICATION DOT : 407 CERTIFICATION DATE : 2019-04

CARGO TANK COMPLIES WITH SPECIFICATION DOT : _____ EXCEPT AS LISTED

CERTIFICATION DATE : _____

FIRM _____ AUTHORIZED SIGNATURE(S) _____

ABOVE ITEMS INSTALLED : _____

4. _____

3. _____

2. _____

1. _____

ITEMS NOT INSTALLED AT TIME OF SHIPMENT :

RECORD OF ANNUAL INSPECTION
(49 CFR, 396. 17-23)

Prepare Separate Report for Each Vehicle Inspected

DATE
2019-04

D4256410

COMPANY NAME		VEHICLE TYPE <input type="checkbox"/> TRUCK <input type="checkbox"/> TRACTOR <input checked="" type="checkbox"/> TRAILER <input type="checkbox"/> CONVERTER	
STREET ADDRESS		DOLLY	
CITY		VEHICLE MAKE TREM CAR	MODEL TRA/REM
STATE		VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TLSL432XLB000390	YEAR 2020
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			TIRES		
Hose/Tubing	✓		Headlights	✓		Linkage			Tread		
Lining	✓		Tail/Stop	✓		Power Steering			Inflation		
Antilock System	✓		Clearance/Marker	✓		Other			Damage		
Automatic Adjusters	✓		Identification	✓		FUEL SYSTEM			Speed Restrictions		
Low Air Warning	✓		Reflectors	✓		Tank(s)			Other		
Trailer Air Supply			Other	✓		Lines					
Compressor			ABS	✓							
Parking Brakes			FAPB	✓		SUSPENSION			WHEELS/RIM		
Other			CAB/BODY			Springs			Fasteners		
			Access			Attachments			Disc/Spoke		
			Eqpt./Load Secure			Sliders			500 LBS. D.A.G.		
COUPLERS			Tie-Downs			AIR			WINDSHIELD		
Fifth-Wheel & Mount			Headerboard			MIRRORS					
Pin/Upper Plate	✓		Motorcoach Seats								
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 *[Signature]* DATE 2019.04

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#: 19574@19583	Units: USG	Job#: 19574@19583	Units: USG
CHARTE DE CALIBRATION		CHARTE DE CALIBRATION	
CITERNE COMPARTIMENT: 1		CITERNE COMPARTIMENT: 1	
0"	0"	0"	0"
1/4"	1/2"	1/4"	1/2"
3/4"	3/4"	3/4"	3/4"
1	14	14	14
2	30	40	50
3	73	85	98
4	112	141	156
5	172	204	222
6	239	275	294
7	313	353	373
8	393	435	457
9	479	523	546
10	569	616	640
11	664	713	738
12	763	814	839
13	865	892	918
14	972	999	1026
15	1081	1109	1137
16	1194	1222	1251
17	1309	1338	1368
18	1427	1457	1487
19	1548	1578	1609
20	1670	1701	1732
21	1796	1826	1858
22	1921	1953	1985
23	2050	2082	2114
24	2179	2212	2245
25	2311	2344	2377
26	2443	2476	2510
27	2577	2610	2644
28	2711	2745	2779
29	2846	2880	2914
30	2982	3016	3051
31	3119	3153	3187
32	3255	3290	3324
33	3393	3427	3462
34	3530	3565	3599
35	3668	3702	3736
36	3805	3839	3874
37	3942	3976	4010
38	4079	4113	4147
39	4215	4249	4282
40	4350	4384	4417
41	4485	4518	4552
42	4618	4652	4685
43	4751	4784	4817
44	4882	4915	4947
45	5012	5044	5077
46	5141	5172	5204
47	5267	5299	5330
48	5392	5423	5454
49	5515	5545	5576
50	5636	5665	5696
51	5754	5783	5812
52	5870	5898	5926
53	5982	6010	6038
54	6092	6119	6146
55	6199	6225	6251
56	6302	6327	6352
57	6401	6426	6450
58	6497	6520	6543
59	6588	6610	6631
60	6674	6694	6715
61	6754	6774	6793
62	6829	6847	6864
63	6897	6913	6929
64	6968	6972	6985
65	7010	7022	7032
66	7051	7059	7066
67	7092	7100	7107
68	7133	7141	7148
69	7174	7182	7189
70	7215	7223	7230
71	7256	7264	7271
72	7297	7305	7312
73	7338	7346	7353
74	7379	7387	7394
75	7420	7428	7435
76	7461	7469	7476
77	7502	7510	7517
78	7543	7551	7558
79	7584	7592	7600
80	7625	7633	7640
81	7666	7674	7681
82	7707	7715	7722
83	7748	7756	7763
84	7789	7797	7804
85	7830	7838	7845
86	7871	7879	7886
87	7912	7920	7927
88	7953	7961	7968
89	7994	8002	8009
90	8035	8043	8050
91	8076	8084	8091
92	8117	8125	8132
93	8158	8166	8173
94	8200	8208	8215
95	8241	8249	8256
96	8282	8290	8297
97	8323	8331	8338
98	8364	8372	8379
99	8405	8413	8420
100	8446	8454	8461

THIS CHART IS NOT INTENDED FOR LEGAL MEASURE
 CETTE TABLE N'EST PAS CONÇUE POUR MESURE LÉGALE

TANKER TEST AND INSPECTION REPORT

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

OWNER		2019-04		19574	
PRINCIPAL PLACE OF BUSINESS ADDRESS					
CITY, STATE, ZIP CODE		TELEPHONE		TELEPHONE	
OWNER'S TANK SERIAL NO.		MFG. DATE		VESSEL MATERIAL SPEC. NO.	
CARGO TANK MOTOR VEHICLE MFG.		CARGO TANK MOTOR VEHICLE CERT. DATE		MANUFACTURER'S TANK SERIAL NO.	
TREM CAR		2019-04		2TSL1432XLB000390	
MAX. WEIGHT OF LADING		LINING MATERIALS		FLUID CAPACITY (GALS.)	
60500		N/A		7077 USG	
HEATING SYSTEM		DESIGN PRESSURE (PSIG)		MAXIMUM ALLOWABLE WORKING PRESSURE	
		75		25	
SHELL		MATERIAL		PSIG	
SA240-316/316L		SA240-316/316L		25	
HEAD		MAX. DESIGN DENSITY OF LADING (LBS. PER GAL.)		WATER CAPACITY IN LBS.	
722		16.00		59022	

ITEMS INSPECTED OR TESTED			K-EPA27		
YES	NO	ITEM	TYPE	TEST	AVERAGE RESULTS
		Tank Shell	FRANGIBLE (Rupture) Disk	PRESSURE	
		Tank Heads	Major Appurtenances	RELIEF	
		Head-to-Shell Seam	- upper coupler assembly attachments	DEVICES	
		Valves	- suspension system		
		Gaskets	- connecting structures		
		Manhole Covers	Lining Material		
		Manhole Gaskets	Pressure Bearing Portions of Heating System		
		Devices for Tightening Manhole	Fuses for Heating System		
		Gaskets on Full Opening Rear Head	Corroded or Abraded Areas		
		Self-closing Stop-valves	Distortions		
		Excess Flow Valves	Dents		
		Remote Closure Devices	Welds		
		Reclosing Pressure Relief Valves			
		Nuts and Bolts			
DELIVERY HOSE/PIPING			UPPER COUPLER ASSEMBLY		
HOSE I.D. NO.	N/A	DATE OF ORIG. HOSE ASSEMBLY TEST			
CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM	NONE - NEW CARGO TANK				

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

LOCATION OF DEFECTS OR DAMAGE: weld heat-affected zone liquid phase vapor phase head-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 ANHYDROUS AMMONIA (CERTIFIED AS 0.2% WATER BY WEIGHT) ANY OTHER MATERIAL THAT MAY CAUSE STRESS CORROSION CRACKING

DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON: CT-5931 TEST DATE: 2019-04

TESTED BY (Person's Name): *COYETTE BAYNE*

ADDRESS: 790 MONTRICHARD AVE.

CITY, STATE, ZIP: ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4

CARGO TANK: MEETS FAILS TO MEET THE REQUIREMENTS OF THE DOT SPECIFICATIONS IDENTIFIED ON THIS REPORT

DISPOSITION OF CARGO TANK: WITHDRAWN FROM SERVICE RETURNED TO SERVICE MARKINGS APPLIED: YES NO

SIGNATURE OF INSPECTOR/TESTER: *[Signature]* DATE: 2019-04

SIGNATURE OF OWNER: _____ DATE: _____