

TANKER TEST AND INSPECTION REPORT

Information as required by CSA B-620-09

INSPECTION TEST DATE	SERIAL NUMBER
2017-10	18276

OWNER <i>Bulk Carriers Transportation Equip</i>		CARRIER (if other than owner)	
PRINCIPAL PLACE OF BUSINESS ADDRESS <i>2743 Brightwood Rd SE</i>		TELEPHONE: <i>330-339-3333</i>	
CITY, STATE, ZIP CODE <i>New Philadelphia, OH 44663</i>		CITY, STATE, ZIP CODE	
OWNER'S SERIAL NO. <i>2TLSL4328JB000272</i>	MFG. DATE 2017-10	ORIG. TEST DATE 2017-10	TC SPECIFICATION NO. 407
CARRIER'S EQUIPMENT NO. <i>4719-SS1</i>	VESSEL MATERIAL SPEC. NO. SA240-316/316L		FLUID CAPACITY (L) 26790
		MANUFACTURER'S SERIAL NO. 2TLSL4328JB000272	ASME CODE SYMBOL -----

TYPE OF TEST (S)

<input checked="" type="checkbox"/> EXTERNAL VISUAL (V)	<input checked="" type="checkbox"/> LEAKAGE TEST (K) 25 PSIG/5 MIN
<input checked="" type="checkbox"/> INTERNAL VISUAL (I)	<input checked="" type="checkbox"/> THICKNESS TEST (T)
<input checked="" type="checkbox"/> PRESSURE RETEST (P) 45 PSIG/10 MIN	<input checked="" type="checkbox"/> UPPER COUPLER (UC)

CERTIFIED BY

MANUFACTURER	TREMCAR INC.		
WATER CAPACITY (Kg)	26790		
MAXIMUM ALLOWABLE WORKING PRESSURE	172.28 KPa	MINIMUM DESIGN METAL TEMPERATURE	-29 TO 121 C TO C

HYDROSTATIC PROCEDURE

ON COMPARTMENTED TRAILER ONLY ONE COMPARTMENT CAN BE FILLED WITH LIQUID (FLUID USE FOR TEST IT'S ONLY WATER) AND TEST AT A TIME ALL ADJACENT COMPARTMENT MUST BE EMPTY	TEST MEDIUM = WATER
TEST PRESSURE	310.10 KPA

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

OUTSIDE BARREL ITEMS	YES	NO	STRUCTURE ITEMS	YES	NO	GENERAL ITEMS	YES	NO	INTERNAL BARREL ITEMS	YES	NO
	Tank Shell	<input checked="" type="checkbox"/>		<input type="checkbox"/>	Roll over & Bumper protection		<input checked="" type="checkbox"/>	<input type="checkbox"/>		Distortions	<input checked="" type="checkbox"/>
Tank Heads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Nuts and Bolts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dents	<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"/>	Major Appurtenances	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Welds	<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"/>
Piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>		- connecting structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Frangible (Rupture) Disk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Interior welds for defects or cracking	<input checked="" type="checkbox"/>
Valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	- suspension system attachments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pressure of heating system	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Size of the weld and theirs conformity	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gaskets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Drop upper coupler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flues for Heating System	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Internal supports and attachments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Manhole Covers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In place upper coupler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Name plate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Internal valves, piping and vents for leakage, damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Manhole Gaskets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Corroded or Abraded Areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ASME Name plate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Weld of baffles and pads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Devices for Tightening Manhole	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Tanker insulate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Lining Material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Internal piping pressure test	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Self-closing Stop-valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Corrosive tranport	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Excess Flow Valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>
Remote Closure Devices	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>

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

EXPLAIN: NONE - NEW CARGO TANK

IS REPAIR CERTIFICATION REQUIRED? YES NO DESIGN CERTIFYING ENGINEER REGISTRATION NO. _____

METHOD OF REPAIRS: _____

TC REGISTRATION NUMBER OF THE TESTING FACILITY/ PERSON	TEST DATE
TESTED BY: (PERSON'S NAME) <i>COYOTE RAY MEND</i>	REPAIR DATE

COMPANY NAME: TREMCAR INC.	REPAIRED BY: SAME
ADDRESS: 790 MONTRICHARD AVE.	ADDRESS:
CITY, STATE, ZIP CODE: ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4	CITY, STATE, ZIP CODE:

DISPOSITION OF CARGO TANK:	CARGO TANK FAIL TC SPECIFICATIONS AND IS OUT OF SERVICE	CARGO TANK MEET TC SPECIFICATIONS AND IS RETURN TO SERVICE	MARKINGS APPLIED <input type="checkbox"/> YES <input type="checkbox"/> NO
SIGNATURE OF INSPECTOR <i>[Signature]</i>	TC REGISTRATION NUMBER 25-0264	DATE <i>2017-10</i>	OWNER SIGNATURE _____ DATE _____

OWNER Bulk Carriers Transportation Equip		CARRIER (if other than owner)	
PRINCIPAL PLACE OF BUSINESS ADDRESS 2743 Brightwood Rd SE		PRINCIPAL PLACE OF BUSINESS ADDRESS	
CITY, STATE, ZIP CODE New Philadelphia, OH 44663		TELEPHONE 330-339-3333	
OWNER'S TANK SERIAL NO. 2TSL4328JB000272		MFG. DATE 2017-10	
CARGO TANK MOTOR VEHICLE MFG. TREMCAR		CARGO TANK MOTOR VEHICLE CERT. DATE 2017-10	
MAX. WEIGHT OF LADING LBS. 60100		LINING MATERIALS N/A	
HEATING SYSTEM		DESIGN PRESSURE (PSIG) 75	
		DESIGN TEMPERATURE (°F) 250	
SHELL SA240-316/316L		HEAD SA240-316/316L	
EXPOSED SURFACE AREA IN SQ. FT. 722		MAX. DESIGN DENSITY OF LADING (LBS. PER GAL.) 16.00	
TANK <input type="checkbox"/> LINED <input type="checkbox"/> INSULATED <input type="checkbox"/> SPECIAL SERVICE <input type="checkbox"/> MATERIAL CORROSIVE TO TANK _____ <input type="checkbox"/> DEDICATED SERVICE _____ <input type="checkbox"/> OTHER _____			
TYPE OF TEST(S) <input checked="" type="checkbox"/> EXTERNAL VISUAL (V) <input checked="" type="checkbox"/> LEAKAGE TEST (K) <input type="checkbox"/> PRESSURE RETEST (P) <input checked="" type="checkbox"/> INTERNAL VISUAL (I) <input type="checkbox"/> HYDROSTATIC <input type="checkbox"/> PNEUMATIC <input type="checkbox"/> HYDROSTATIC <input type="checkbox"/> LINING INSPECTION (L) <input type="checkbox"/> DELIVERY HOSE/PIPING <input type="checkbox"/> PNEUMATIC <input checked="" type="checkbox"/> THICKNESS TEST (T) <input type="checkbox"/> K-EPA27			

ITEMS INSPECTED OR TESTED																		
YES	NO	ITEM	YES	NO	ITEM	TYPE					K-EPA27							
<input checked="" type="checkbox"/>		Tank Shell	<input checked="" type="checkbox"/>		Frangible (Rupture) Disk	PRESSURE RELIEF DEVICES BEITS #RVC3ST- 25						Gasoline Delivery Tank Pressure Test – EPA Reference Method 27						
<input checked="" type="checkbox"/>		Tank Heads	<input checked="" type="checkbox"/>		Major Appurtenances								TEST	TIME	MEASURE	AVERAGE RESULTS		
<input checked="" type="checkbox"/>		Head-to-Shell Seam	<input checked="" type="checkbox"/>		- upper coupler assembly								PRES.	START	END	START	END	
<input checked="" type="checkbox"/>		Valves	<input checked="" type="checkbox"/>		- suspension system attachments								PRES.					
<input checked="" type="checkbox"/>		Gaskets	<input checked="" type="checkbox"/>		- connecting structures		Device Number	1	2	3	4	5	VAC.					
<input checked="" type="checkbox"/>		Manhole Covers	<input checked="" type="checkbox"/>		Lining Material		Tested						VAC.					
<input checked="" type="checkbox"/>		Manhole Gaskets	<input checked="" type="checkbox"/>		Pressure Bearing Portions of Heating System		Removed						VAC.					
<input checked="" type="checkbox"/>		Devices for Tightening Manhole	<input checked="" type="checkbox"/>		Flues for Heating System		Inspected						VR VENT					
<input checked="" type="checkbox"/>		Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>		Corroded or Abraded Areas		Replaced						VR VENT					
<input checked="" type="checkbox"/>		Self-closing Stop-valves	<input checked="" type="checkbox"/>		Distortions		Reinstalled											
<input checked="" type="checkbox"/>		Excess Flow Valves	<input checked="" type="checkbox"/>		Dents		Repaired											
<input checked="" type="checkbox"/>		Remote Closure Devices	<input checked="" type="checkbox"/>		Welds		Pressure - set to discharge											
<input checked="" type="checkbox"/>		Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>				Pressure - when open											
<input checked="" type="checkbox"/>		Nuts and Bolts	<input checked="" type="checkbox"/>				Pressure - when resealed											
DELIVERY HOSE/PIPING HOSE I.D. NO. N/A DATE OF ORIG. HOSE ASSEMBLY TEST _____ CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM _____						THICKNESS (INCHES) HEAD 0.130 MFG. 0.115 MIN. TESTED SHELL TOP 0.128 0.115 SHELL SIDE 0.127 0.115 SHELL BOTTOM 0.129 0.115						UPPER COUPLER ASSEMBLY <input checked="" type="checkbox"/> EXAMINED IN PLACE NEW <input type="checkbox"/> REMOVED FOR EXAMINATION						
						FLUID USED WATER LEAKAGE TEST 25 PRESSURE TEST 45 PRESSURE 5 min HOLDING TIME 10 min												

(b) Each cargo tank must be durably and legibly marked, in English, with the date (month and year) and the type of test or inspection performed, subject to the following provisions:

(1) The date must be readily identifiable with the applicable test or inspection.

(2) The markings must be in letters and numbers at least 3/16 inch (1.25 inches) high, near the specification plate or anywhere on the front head.

(3) The type of test or inspection may be abbreviated as follows:

(i) V for external visual inspection and test;

(ii) I for internal visual inspection;

(iii) P for pressure test;

(iv) L for lining inspection;

(v) T for thickness test; and

(vi) K for leakage test for a cargo tank tested under §180.407, except §180.407(h)(2); and

(vii) K-EPA27 for a cargo tank tested under §180.407(h)(2) after October 1, 2004.

(c) Post-delivery hose check. After each unloading, the operator must visually check that portion of the delivery hose assembly deployed during the unloading.

(d) Hose identification. By July 1, 2000, the operator must assure that each delivery hose assembly is permanently marked with a unique identification number and maximum working pressure.

(e) Applicable. This section is applicable to an operator using specification MC 330, MC 331, and non-specification cargo tanks authorized under §173.315(k) of this subchapter for transportation of liquefied compressed gases other than carbon dioxide. Paragraphs (b), (c), (d)(1), (d)(5), (e), (f), and (g)(1) of this section, applicable to delivery hose assemblies, apply only to hose assemblies installed or carried on the cargo tank.

(f) Bolts that are loose, missing, or severely corroded.

(g) Manual stop valves that will not actuate.

(h) Rubber hose flexible connectors with any condition outlined in paragraph (g)(1) of this section.

(i) Stainless steel flexible connectors with damaged reinforcement braid.

(j) Internal self-closing stop valves that fail to close or that permit leakage through the valve detected without the use of instruments.

(k) Pipes or joints that are severely corroded.

(l) Loose or missing bolts or fastenings on bolted hose coupling assemblies.

(m) No operator may use a cargo tank with a piping system found to have any condition identified in this paragraph (g)(2) for unloading liquefied compressed gases.

(n) Any external leak identifiable without the use of instruments.

RECORD OF ANNUAL INSPECTION

(49 CFR, 396. 17-23)

2017-10

Prepare Separate Report for Each Vehicle Inspected

D3918642

COMPANY NAME Bulk Carriers Transportation Equip			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 2743 Brightwood Rd SE			VEHICLE MAKE TREM CAR		MODEL TRA/REM
CITY New Philadelphia OH		STATE OH	ZIP 44663	YEAR 2018	
INSPECTOR'S NAME (Please Print)				VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TLSL4328JB000272	
				EMPLOYEE NO.	

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

	OK	REPAIR		OK	REPAIR		OK	REPAIR		OK	REPAIR
BRAKES			EXHAUST			STEERING			FRAME		
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	✓		Lines			Other		
Compressor			ABS TAPP	✓							
Parking Brakes			CAB/BODY			SUSPENSION			WHEELS/RIM		
Other			Access			Springs			Fasteners	✓	
			Eqpt./Load Secure			Attachments	✓		Disc/Spoke	✓	
COUPLERS			Tie-Downs			Sliders			500 WAS 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

DATE

2017-10

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#: 18274 @ 18277		Units:		USG		Job#: 18274 @ 18277		Units:		USG				
CALIBRATION CHART / CHARTE DE CALIBRATION						CALIBRATION CHART / CHARTE DE CALIBRATION								
TANK COMPARTMENT / CITERNE COMPARTIMENT: # 1						TANK COMPARTMENT / CITERNE COMPARTIMENT: # 1								
	0"	1/4"	1/2"	3/4"		0"	1/4"	1/2"	3/4"		0"	1/2"	3/4"	
1	0	0	3	8	14	54	6199	6225	6251	6277	54	6199	6225	6251
2	1	22	30	40	50	55	6302	6327	6352	6377	55	6302	6327	6352
3	2	61	73	85	98	56	6401	6426	6450	6473	56	6401	6426	6450
4	3	112	126	141	156	57	6497	6520	6543	6565	57	6497	6520	6543
5	4	172	188	204	222	58	6588	6610	6631	6653	58	6588	6610	6631
6	5	239	257	275	294	59	6674	6694	6715	6735	59	6674	6694	6715
7	6	313	333	353	373	60	6754	6774	6793	6811	60	6754	6774	6793
8	7	393	414	435	457	61	6829	6847	6864	6881	61	6829	6847	6864
9	8	479	501	523	546	62	6897	6913	6929	6944	62	6897	6913	6929
10	9	569	592	616	640	63	6958	6972	6985	6998	63	6958	6972	6985
11	10	664	688	713	738	64	7010	7022	7032	7042	64	7010	7022	7032
12	11	763	788	814	839	65	7051	7059	7066	7072	65	7051	7059	7066
13	12	865	892	918	945	66					66			
14	13	972	999	1026	1054									
15	14	1081	1109	1137	1165									
16	15	1194	1222	1251	1280									
17	16	1309	1338	1368	1397									
18	17	1427	1457	1487	1517									
19	18	1548	1578	1609	1639									
20	19	1670	1701	1732	1763									
21	20	1795	1826	1858	1890									
22	21	1921	1953	1985	2017									
23	22	2050	2082	2114	2147									
24	23	2179	2212	2245	2278									
25	24	2311	2344	2377	2410									
26	25	2443	2476	2510	2543									
27	26	2577	2610	2644	2677									
28	27	2711	2745	2779	2812									
29	28	2846	2880	2914	2948									
30	29	2982	3016	3051	3085									
31	30	3119	3153	3187	3221									
32	31	3255	3290	3324	3359									
33	32	3393	3427	3462	3496									
34	33	3530	3565	3599	3633									
35	34	3668	3702	3736	3771									
36	35	3805	3839	3874	3908									
37	36	3942	3976	4010	4044									
38	37	4079	4113	4147	4181									
39	38	4215	4249	4282	4316									
40	39	4350	4384	4417	4451									
41	40	4485	4518	4552	4585									
42	41	4618	4652	4685	4718									
43	42	4751	4784	4817	4849									
44	43	4882	4915	4947	4980									
45	44	5012	5044	5077	5109									
46	45	5141	5172	5204	5236									
47	46	5267	5299	5330	5361									
48	47	5392	5423	5454	5484									
49	48	5515	5545	5576	5606									
50	49	5636	5665	5695	5725									
51	50	5754	5783	5812	5841									
52	51	5870	5898	5926	5954									
53	52	5982	6010	6038	6065									
54	53	6092	6119	6146	6173									

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