

SIRV 146

**TANKER TEST AND INSPECTION REPORT**

INSPECTION TEST DATE

SERIAL NUMBER

2018-11

18883

Information as required by CSA B-620-14

OWNER ROBBIE D WOOD INC		CARRIER (if other than owner)	
PRINCIPAL PLACE OF BUSINESS ADDRESS 1051 Old Warrior River Road		PRINCIPAL PLACE OF BUSINESS ADDRESS	
CITY, STATE, ZIP CODE Hueytown AL 35023		CITY, STATE, ZIP CODE	
OWNER'S SERIAL NO.	MFG. DATE 2018-11	ORIG. TEST DATE 2018-11	TC SPECIFICATION NO. 407
CARRIER'S EQUIPMENT NO. SIRV146	VESSEL MATERIAL SPEC. NO. SA240-316/316L		FLUID CAPACITY (L) 26790
		MANUFACTURER'S SERIAL NO. ZTSLA4324KB000724	ASME CODE SYMBOL

**TYPE OF TEST (S)**

<input checked="" type="checkbox"/> EXTERNAL VISUAL (V)	<input checked="" type="checkbox"/> PRESSURE RETEST (P)	A	W	45	PSIG / 10 MIN
<input checked="" type="checkbox"/> INTERNAL VISUAL (I)	<input checked="" type="checkbox"/> LEAKAGE TEST (K)	A	W	25	PSIG / 5 MIN
<input checked="" type="checkbox"/> THICKNESS TEST (T)	<input checked="" type="checkbox"/> UPPER COUPLER (UC)	MEDIUM		A = AIR	
<b>HYDROSTATIC OR PNEUMATIC PROCEDURE</b>		MEDIUM		W = WATER	

**CERTIFIED BY**

MANUFACTURER: TREMCAR INC.

WATER CAPACITY (Kg): 26790

**DESIGNED FOR**

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	TEST PRESSURE	KPA	MAXIMUM ALLOWABLE	27443	MINIMUM DESIGN	172.28
		310.10	WORKING PRESSURE	KPA	METAL TEMPERATURE	C TO C

**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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Roll over & Bumper protection	<input checked="" type="checkbox"/>				Distortions	<input checked="" type="checkbox"/>				Interior surface, including heads for corrosion	<input checked="" type="checkbox"/>			
Tank Heads	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nuts and Bolts	<input checked="" type="checkbox"/>				Dents	<input checked="" type="checkbox"/>				distortion overlay patches, cracking etc.	<input checked="" type="checkbox"/>			
Head - to - Shell Seam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				Welds	<input checked="" type="checkbox"/>				Areas above upper coupler, landing gear legs and	<input checked="" type="checkbox"/>			
Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Major Appurtenances	<input checked="" type="checkbox"/>				Frangible ( Rupture ) Disk		<input checked="" type="checkbox"/>			subframe for indications of distortion or cracks	<input checked="" type="checkbox"/>			
Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	connecting structures	<input checked="" type="checkbox"/>				Pressure of heating system	<input checked="" type="checkbox"/>				Interior welds for defects or cracking	<input checked="" type="checkbox"/>			
Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	suspension system attachments	<input checked="" type="checkbox"/>				Flues for Heating System	<input checked="" type="checkbox"/>				Size of the weld and theirs conformity	<input checked="" type="checkbox"/>			
Manhole Covers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Drop upper coupler	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				Internal supports and attachments	<input checked="" type="checkbox"/>			
Manhole Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	In place upper coupler	<input checked="" type="checkbox"/>				Name plate	<input checked="" type="checkbox"/>				Internal valves, piping and vents for leakage, damage	<input checked="" type="checkbox"/>			
Devices for Tightening Manhole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Corroded or Abraded Areas	<input checked="" type="checkbox"/>				ASME Name plate	<input checked="" type="checkbox"/>				Weld of baffles and pads	<input checked="" type="checkbox"/>			
Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				Tanker Insulate	<input checked="" type="checkbox"/>				Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>			
Self-closing Stop-valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				Lining Material	<input checked="" type="checkbox"/>				Internal piping pressure test	<input checked="" type="checkbox"/>			
Excess Flow Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				Corrosive transport	<input checked="" type="checkbox"/>								
Remote Closure Devices	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input checked="" 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.

NONE - NEW TANK TRUCK

METHOD OF REPAIRS:

TC REGISTRATION NUMBER OF THE TESTING FACILITY/ PERSON		REPAIR INFORMATION		TEST DATE	2018-11
TESTED BY: (PERSON'S) COMPANY NAME: TREMCAR INC.		TESTED BY: (PERSON'S)		REPAIR DATE	
ADDRESS: 790 MONTRICHARD AVE.		REPAIRED BY			
CITY, STATE, ZIP CODE: ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4		ADDRESS			
		CITY, STATE, ZIP CODE			
DISPOSITION OF CARGO TANK APPLIED X IN THE APPROPRIATE CASE	CARGO TANK FAIL TC SPECIFICATIONS AND IS OUT OF SERVICE	CARGO TANK MEET TC SPECIFICATIONS AND IS RETURN TO SERVICE	MARKINGS APPLIED	YES	NO
SIGNATURE OF INSPECTOR	TC REGISTRATION NUMBER	DATE	OWNER SIGNATURE	DATE	
	25-0264	2018-11			

CARGO TANK MOTOR VEHICLE MFG. <b>TREMCAR</b>		CARGO TANK MOTOR VEHICLE CERT. DATE <b>2018-11</b>		TANK MANUFACTURER <b>TREMCAR</b>		MANUFACTURER'S TANK SERIAL NO. <b>2TLSL4324KB000724</b>	
MAX. WEIGHT OF LADING LBS. <b>60500</b>		LINING MATERIALS <b>N/A</b>		DOT SPECIFICATION NO. <b>407</b>		FLUID CAPACITY (GALS.) <b>7077 USG</b>	
HEATING SYSTEM		DESIGN PRESSURE (PSIG) <b>75</b>		DESIGN TEMPERATURE (°F) <b>250</b>		ORIGINAL TEST DATE <b>2018-11</b>	
SHELL <b>SA240-316/316L</b>		HEAD <b>SA240-316/316L</b>		DESIGN TEMPERATURE (°F) <b>-20 TO 250</b>		MAXIMUM ALLOWABLE WORKING PRESSURE (PSIG) <b>25</b>	
EXPOSED SURFACE AREA IN SQ. FT. <b>722</b>		MAX. DESIGN DENSITY OF LADING (LBS. PER GAL.) <b>16.00</b>		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			
EXTERNAL VISUAL (V)		LEAKAGE TEST (K)		PRESSURE RETEST (P)			
INTERNAL VISUAL (I)		HYDROSTATIC		HYDROSTATIC			
LINING INSPECTION (L)		DELIVERY HOSE/PIPING		PNEUMATIC			
THICKNESS TEST (T)		K-EPA27					

YES	NO	ITEM	YES	NO	ITEM	TYPE		K-EPA27 Gasoline Delivery Tank Pressure Test - EPA Reference Method 27																	
<input checked="" type="checkbox"/>		Tank Shell	<input checked="" type="checkbox"/>		Frangible (Rupture) Disk	PRESSURE RELIEF DEVICES	BETTS #RVC3ST-25	1	2	3	4	5	TEST	START	END	MEASURE	START	END	AVERAGE RESULTS						
<input checked="" type="checkbox"/>		Tank Heads	<input checked="" type="checkbox"/>		Major Appurtenances								Device Number	1	2	3	4	5	PRES. 1						
<input checked="" type="checkbox"/>		Head-to-Shell Seam	<input checked="" type="checkbox"/>		- upper coupler assembly								Tested						PRES. 2						
<input checked="" type="checkbox"/>		Valves	<input checked="" type="checkbox"/>		- suspension system attachments								Removed						VAC. 1						
<input checked="" type="checkbox"/>		Gaskets	<input checked="" type="checkbox"/>		- connecting structures								Inspected						VAC. 2						
<input checked="" type="checkbox"/>		Manhole Covers	<input checked="" type="checkbox"/>		Lining Material								Replaced						VR VENT 1						
<input checked="" type="checkbox"/>		Manhole Gaskets	<input checked="" type="checkbox"/>		Pressure Bearing Portions of Heating System								Reinstalled						VR VENT 2						
<input checked="" type="checkbox"/>		Devices for Tightening Manhole Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>		Flues for Heating System								Pressure - set to discharge	25	PSIG										
<input checked="" type="checkbox"/>		Self-closing Stop-valves	<input checked="" type="checkbox"/>		Corroded or Abraded Areas								Pressure - when open	30	PSIG										
<input checked="" type="checkbox"/>		Excess Flow Valves	<input checked="" type="checkbox"/>		Distortions								Pressure - when resealed	27	PSIG										
<input checked="" type="checkbox"/>		Remote Closure Devices	<input checked="" type="checkbox"/>		Leakage Test								UPPER COUPLER ASSEMBLY <input checked="" type="checkbox"/> EXAMINED IN PLACE <b>NEW</b> <input type="checkbox"/> REMOVED FOR EXAMINATION												
<input checked="" type="checkbox"/>		Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>		Welds								THICKNESS (INCHES) MFG. MIN. TESTED												
<input checked="" type="checkbox"/>		Nuts and Bolts	<input checked="" type="checkbox"/>			HEAD <b>0.140</b> <b>0.129</b>																			
DELIVERY HOSE/PIPING						HOSE I.D. NO. <b>N/A</b> DATE OF ORIG. HOSE ASSEMBLY TEST						CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM													
THICKNESS (INCHES) MFG. MIN. TESTED						HEAD <b>0.140</b> <b>0.129</b>						SHELL TOP <b>0.129</b> <b>0.131</b>													
SHELL SIDE <b>0.129</b> <b>0.130</b>						SHELL BOTTOM <b>0.129</b> <b>0.130</b>						FLUID USED <b>WATER</b> <b>WATER</b>													
PRESSURE <b>25</b> <b>45</b>						HOLDING TIME <b>5 min</b> <b>10 min</b>																			

(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  ANY OTHER MATERIAL THAT MAY CAUSE STRESS CORROSION CRACKING  CERTIFIED AS 0.2% WATER BY WEIGHT  LIQUEFIED PETROLEUM GAS STRESS RELIEVED AFTER FABRICATION  YES  NO REPAIR DATE

DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON **CT-5931** TEST DATE **2018-11** STRESS RELIEVED AFTER REPAIR  YES (  Full  Local )  NO ASME OR NATIONAL BOARD NO. OF REPAIR FACILITY

TESTED BY (Person's Name) **GOYBTOB RAYMOND** REPAIRED BY

ADDRESS **790 MONTRICHARD AVE.** ADDRESS

CITY, STATE, ZIP CITY, STATE, ZIP

18883

DATE  
2018-11

**RECORD OF ANNUAL INSPECTION**

(49 CFR, 396. 17-23)

Prepare Separate Report for Each Vehicle Inspected

D4256213

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 TREM CAR		MODEL TRA/REM
CITY STATE ZIP			YEAR 2019		
VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TLSL4324KB000724					
INSPECTOR'S NAME (Please Print)				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
<b>BRAKES</b>			<b>EXHAUST</b>			<b>STEERING</b>			<b>FRAME</b>		
Adjustment	✓		Leaks			Adjustment			Members		
Mechan. Compon.	✓		Placement			Column/Gear			Clearance		
Drum/Rotor	✓		<b>LIGHTING</b>			Axle					
Hose/Tubing	✓		Headlights	✓		Linkage			<b>TIRES</b>		
Lining	✓		Tail/Stop	✓		Power Steering			Tread	✓	
Antilock System	✓		Clearance/Marker	✓		Other			Inflation	✓	
Automatic Adjusters	✓		Identification	✓		<b>FUEL SYSTEM</b>			Damage		
Low Air Warning			Reflectors	✓		Tank(s)			Speed Restrictions		
Trailer Air Supply			Other <i>ABS</i>	✓		Lines			Other		
Compressor			<i>TABS</i>	✓							
Parking Brakes			<b>CAB/BODY</b>			<b>SUSPENSION</b>			<b>WHEELS/RIM</b>		
Other			Access			Springs			Fasteners	✓	
			Eqpt./Load Secure			Attachments	✓		Disc/Spoke	✓	
<b>COUPLERS</b>			Tie-Downs			Sliders			<i>506 LPS FORA</i>	✓	
Fifth-Wheel & Mount			Headerboard			<i>AIR</i>	✓		<b>WINDSHIELD</b>		
Pin/Upper Plate	✓		Motorcoach Seats			<b>MIRRORS</b>					
Pintle-Hook/Eye			Other						<b>WINDSHLD. WIP.</b>		
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

2018-11

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.

