

H08-2



Overdrive Heavy Duty Services Ltd.
Tank & Trailer Inspection / Repair Division

Inspection and Test Report

Overdrive Heavy Duty Services Ltd.

Facility Registration No. 25-1390

RO No.

51280

Overdrive Heavy Duty Services Ltd.
4700 - 70 Street, Alberta T9N 2G7
Inspection and Test Report

IMPORTANT INSTRUCTIONS:

1. In all cases, complete section I.
2. Complete Sections II to IX as applicable. Include on the *Inspection and Test Report*, with any attachments, the description, location, nature and severity of any damage or defects found, how they were discovered and the nature of any repair or replacement to rectify the damage or defect, with results of subsequent inspections, and/or tests. Use a Non-Conformance Report, as applicable.
3. Refer to CSA Standard B620, if there is any confusion, uncertainty or ambiguity about the requirements for checks, inspections and/or tests in the

I. General Information

Date: 21 May 2025

Tank Specification	☐ TC 406 ☐ TC 412 Crude ☐ Other	☐ TC 406 Crude ☐ TC 306	☐ TC 406 FRP ☐ TC 306 Crude ☐ TC 306 FRP	☐ TC 407 ☐ TC 307	☐ TC 407 FRP ☐ TC 312 ☐ TC 312 FRP	☒ TC 412 ☐ TC 350 ☐ TC 350 Crude
Manufacturer:	ADVANCE			Owner: FIRST CLASS ENERGY		
Assembler:	J C INSPECTIONS			Address: POST OFFICE BOX 5246		
Serial Number(s):	2AESTBB05EE000191			City: BONNYVILLE Province: AB		
Date Certified:	07 Apr 2018			Postal Code: T9N 2G4 Phone: 780-812-1411		
MAWP / Design Pressure:	34.5 KPA			Cell: Fax: 780-826-6135		
TCRN / MDIN:	79571			Owner ID or Unit No: 603		
VIN	2WLPCD2GX1K970474					
UN	1267			Nominal Tank Capacity by Compartment		
Lading	NA					
Capacity	10,000 L			1. 10,000 L 4.		
No of Compartments	1			2. 5.		
Special Service				3. 6.		
Shell Min. Allow. Thickness:	3.99 MM			Head Min. Allow. Thickness: 3.99 MM		
Type of Inspection and / or Test				Required		
External	V	Section II	(7.2.1)	☒ Yes	☐ No	☐ N/A
Internal	I	Section III	(7.2.2)	☐ Yes	☒ No	☐ N/A
Upper Coupler	UC	Section IV	(7.2.4)	☐ Yes	☒ No	☐ N/A
Leakage	K	Section V	(7.2.5)	☒ Yes	☐ No	☐ N/A
Thickness	T	Section VI	(7.2.6)	☐ Yes	☒ No	☐ N/A
Pressure	P	Section VII	(7.2.7)	☐ Yes	☒ No	☐ N/A
Hose Assembly		Section VIII	(7.2.10)	☐ Yes	☐ No	☒ N/A
Lined	☐ Yes ☒ No					
Metal ID Plated (Attached Photo) Compliant?	☒ Yes ☐ No					



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Summary Report of Inspection and/or Test Results

SECTION - Title	Pass	Fail	Corrected / Pass	N/A	Date of Next Inspection / Test
I. General Information	☒	☐	☐	☐	
II. External Inspection	☐	☐	☒	☐	31 May 2026
III. Internal Inspection	☐	☐	☐	☒	
IV. Upper Coupler Area Inspection	☐	☐	☐	☒	
V. Leakage	☒	☐	☒	☐	31 May 2026
VI. Thickness Test	☐	☐	☐	☒	
VII. Pressure Test	☐	☐	☐	☒	
VIII. Hose Assembly Inspection and Test	☐	☐	☐	☒	

As a result of the completed checks, inspections and / or tests, the tank disposition is (choose one)

Release / Returned to Service	☒	No Defect or Damage Found	☒	Date: 21 May 2025
		OR		
Remove From Service	☐	Identification Plate Marked	☐ Yes ☒ No	
Requires Further Tests and / or Inspections	☐			

If new tank, metal ID plate affixed, and Certificate of Compliance issued ☐ Yes ☐ No ☒ N/A

ALL Documentation Complete for Record Purposes ☒ Yes ☐ No

The tank meets the requirements of CSA B620 (TC Specification) ☒ Yes ☐ No ☐ N/A

The tank meets the requirements of 49 CFR (DOT Specification) ☐ Yes ☐ No ☒ N/A

Tank Inspector: Dave Westwell

Position/Title: Tank Inspector

Tank Inspector Signature:

Date: 21 May 2025

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Revised: May 2022



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II. External Inspection

Items Inspected (Check what fails and complete item 17.)	Pass	Fail	Corrected / Pass	N/A
1. Inspect the tank shell, heads, outlets, connections, piping, voids, drains, frame, supports, anchoring, pedestals, cradles, pads, stiffeners, and attachments, for cracks, corroded or abraded areas, dents, distortions, defects in welds, defects in piping or components containing lading, and any other condition that indicates weakness in the tank that might render it unsafe for transportation.	☒	☐	☐	☐
2. Inspect tank shell, heads, outlets, connections, piping, valves, joints, couplings, fittings, closures, gauging devices, flanges, gaskets, and attachments, for leakage, expansion, contraction, jarring and vibration.	☒	☐	☐	☐
3. Inspect bolting for tightening manhole covers. Ensure proper, leak-tight operation.	☒	☐	☐	☐
4. Inspect for proper functioning of all valves, vents, gauging devices, emergency devices, including self-closing stop valves, excess flow valves, and remote closure devices. Ensure that they are free of corrosion, distortion, or any other damage that would prevent their normal operation.	☒	☐	☐	☐
5. Test off-truck emergency shutdown systems in accordance with B620 7.2.9.	☐	☐	☒	☐
6. Ensure that a means of thermal activation is located as close to the outlet as practicable and meets all of the conditions of B620 5.6.12.	☒	☐	☐	☐
7. Ensure that all bolts or nuts and fusible links or elements are in place. Properly tighten bolts and nuts on all connection.	☒	☐	☐	☐
8. Specification and other markings on the tank, including system labels, are legible. If metal ID plates are missing or illegible, refer to B620 7.7.	☐	☐	☒	☐
9. Ensure that all major appurtenances and attachments, connecting structures and those elements of the upper coupler (fifth wheel) assembly that can be inspected without dismantling that assembly are not damaged, corroded or abraded so as to affect safe operation of the vehicle.	☐	☐	☐	☐
10. Ensure that all hose assemblies mounted on or accompanying the tank do	☐	☐	☐	☒
11. Drains are uncapped or unplugged in multi-compartment vehicles. Ensure there is no evidence of leakage from drain or void space.	☐	☐	☐	☒
12. Externally inspect all re-closing pressure-relief valves for any corrosion or damage that could prevent safe operation.	☒	☐	☐	☐
If used in corrosive service: Replace ☐ OR Test ☐ See Section VII.				☒
13. Perform thickness tests on corroded or abraded areas of the tank. See Section VI.				
14. Inspect gaskets on full opening rear head (TC 407 / 412) for cuts, cracks or splits. Replace if cuts, cracks or splits are 12.7 mm (0.5") or more, or if leakage is likely.	☐	☐	☐	☒
15. Ensure all rejection criteria in B620 7.2.1.8 have been considered including minimum thickness, dents, cuts, digs or gouges, weld defects, structural defects, leakage or repairs made using overlay patches.	☐	☐	☐	☐
16. Other: (Please Specify) Check rear-end protection (bumper) B620 5.1.5 and damage protection B620 5.6.9 or B620 5.2.2.8, as applicable.	☒	☐	☐	☐
17. Any failure or correction requires comments (describe the location, nature, and severity of damage or defects found, how they were discovered, and the nature of any repair or replacement to rectify the damage or defect, and the results of any subsequent test or inspection): REFER TO RO51280	☐	☐	☒	☐

This External Inspection is conducted in accordance with and meets the requirements of CSA B620

Tank Inspector: Dave Westwell

Position/Title:

Tank Inspector

Tank Inspector Signature:

Date:

21 May 2025

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V. Leakage Test

Test Medium: AIR
Tank MAWP: 34.5 KPA
Test Pressure: 4 PSI
Hold Time: 20 MINUTES

Do this leakage test in conjunction with the External Inspection. See Section II.

- Venting devices set to relieve at less than the test pressure shall be removed or rendered inoperative.
- Product piping and all associated valves and accessories are in place and operative.
- All requirements of B620 7.2.5.1 are understood.
- If air is used as the test medium, purge the tank and check for an explosive mixture.
- If air or gas is the test medium, use soapy water or other material which will foam or bubble to indicate the presence of leaks (or use another method which is at least as sensitive).
- Take precautions to prevent over-pressuring the tank.
- Determine the test pressure per B620 7.2.5.1:
 - > Not less than the maximum normal operating pressure of the tank for tanks with a MAWP of 690 kPa (100 psi) or more and used in dedicated service(s), except those listed in a.
 - > Not less than 80% of the design pressure for tanks with only a design pressure marked on the metal identification plate.
 - > Not less than 80% of the tank MAWP for all other tanks.
- Repair all leaks and complete the external inspection before the tank is marked.

Items Inspected	Pass	Fail	Corrected / Pass	N/A
1. Test at the specified test pressure as determined in B620 7.2.5.1. Hold for at least 5 minutes (for each valve or closure) without change or signs of leakage.	☒	☐	☐	☐
2. Any failure or correction requires comments (describe the location, nature, and severity of damage or defects found, how they were discovered, and the nature of any repair or replacement to rectify the damage or defect, and the results of any subsequent test or inspection):				

This Leakage Test is conducted in accordance with and meets the requirements of CSA B620

Tank Inspector: Dave Westwell

Position/Title:

Tank Inspector

Tank Inspector Signature:

Date:

21 May 2025

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