

Leakage Tests - 12-9156 - 2023-09-29

Authoring Information

Created By Shane Arps
17808753459

Facility Fusion Tank Services
780-875-3459
6007 52nd ave
Lloydminster, AB
T9V 2S7

Created 2023-09-29 16:11:53

Updated 2023-09-29 16:11:53

Client

Company Torq Trucking 2015 Ltd.
1810-250 6Ave SW
Calgary, AB
T2P3H7

Contact Torq Trucking Ltd.
7808759693

J20-40

Tank Data

Ser. No. 12-9156

Unit Number T65

TC Spec. TC 406Crude

Date of mfr. 2011-09-01

Cert. date 2011-09-01

VIN 2H9AEBHG5CT002156

Tank mfr. Hutchinson

Assembler Hutchinson

MDIN 8932

CTMV Orig. Test Date 2011-09-01

CTMV Cert Date 2011-09-01

MAWP 20.7 Kpa

Test P. 34.5 Kpa

Mfd. head thick 6.35 mm

Min. head thick 4.39 mm

Mfd. shell thick 6.35 (bottom) 4.75 (upper) mm

Min. shell thick 4.39(BOTTOM) 4.39 (UPPER) mm

Exposed Surface 84.5 m2

Cap. 380000 litres

Lining None

Original Test Date 2011-09-01

Leakage Test

Inspection Date 2023-09-29

Inspection Expiry Date 2026-03-29

Test Medium Air

No. of Compartments 1

Compartment 1

Start (psi)	End (psi)	Hold Time (min)	Capacity
2.4	2.4	10	38000

Test Results

Venting devices hold pressure as required, if removed they are bench tested and hold pressure as required

Repair

Product piping and valves hold pressure without leakage

Pass

Manways and closures inspected for leaks or deformation

Repair

Flanged connections checked for leakage

Pass

Inspect the entire area of the head, shell and welds for leaks or deformation including voids and adjacent compartments

Pass

Test pressure maintained for minimum of 5 minutes

Pass

All leaks are repaired before the tank is marked

Pass

Defects**Manways**

-solimar lid leaks/bolts seized (repair and tighten)

PRVs

-Tiona lid leaks to early (adjust to proper pressure release)

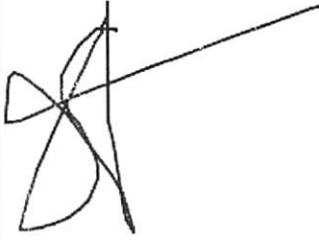
PRV List

Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
-------------	--------------	--------------	--------------------	------------------	--------------------	-------------

Tank Disposition

Current Disposition Tank Repaired / Re-Tested / Returned to Service

Approval

A handwritten signature in black ink, appearing to be 'Shane Arps', written over a light gray rectangular background.

Inspector
Shane Arps

A handwritten signature in black ink, appearing to be 'Shane Arps', written over a light gray rectangular background.

Tester
Shane Arps

Service provided by eStandard Solutions.

External Visual Inspections - 12-9156 - 2023-09-29

Authoring Information

Created By Shane Arps
17808753459

Facility Fusion Tank Services
780-875-3459
6007 52nd ave
Lloydminster, AB
T9V 2S7

Created 2023-09-29 16:8:7

Updated 2023-09-29 16:8:7

Client

Company Torq Trucking 2015 Ltd.
1810-250 6Ave SW
Calgary, AB
T2P3H7

Contact Torq Trucking Ltd.
7808759693

Tank Data

Ser. No. 12-9156

Unit Number T65

TC Spec. TC 406Crude

Date of mfr. 2011-09-01

Cert. date 2011-09-01

VIN 2H9AEBHG5CT002156

Tank mfr. Hutchinson

Assembler Hutchinson

MDIN 8932

CTMV Orig. Test Date 2011-09-01

CTMV Cert Date 2011-09-01

MAWP 20.7 Kpa

Test P. 34.5 Kpa

Mfd. head thick 6.35 mm

Min. head thick 4.39 mm

Mfd. shell thick 6.35 (bottom) 4.75 (upper) mm

Min. shell thick 4.39(BOTTOM) 4.39 (UPPER) mm

Exposed Surface 84.5 m2

Cap. 380000 litres

Lining None

Original Test Date 2011-09-01

External Visual Inspection

Inspection Date 2023-09-29

Inspection Expiry Date 2026-03-29

Manway Pressure 3.63 psi

Inspection

Inspect jacketing for dents, digs, scrapes, gouges, perforations, stains, or other defects or signs of damage to the inner vessel or any other condition that might make it unsafe as per 7.2.1(a)

Not Applicable

Inspect the entire area of head and shell for dents, gouges, bulges, corrosion, abrasion, cracks, or signs of leakage or other conditions that might render it unsafe for transport as per 7.2.1(a)

Pass

Inspect the entire length of every weld for cracks, defects or signs of leakage as per 7.2.1(a)

Repair

Ensure devices for tightening manhole covers are operative and covers are leak tight as per 7.2.1(b)

Repair

Check all valves, vents, emergency devices and remote closures for corrosion, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(c)

Repair

Ensure all required markings are legible including manway, PRV, couplings, valves and specification plate as per 7.2.1(e)

Pass

Inspect supporting structures, pads, bolsters, tie-downs and protective devices for dents, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(f)

Pass

Ensure accompanying or mounted hoses comply with inspection and marking requirements as per 7.2.10.4 and 7.2.10.6

Not Applicable

Check to ensure voids are unplugged and show no signs of leakage as per 7.2.1.2

Not Applicable

Corroded or abraded areas are thickness tested as per 7.2.1.3

Not Applicable

All pressure relief devices are inspected for corrosion or damage as per 7.2.1.4

Repair

If lading is corrosive to PRV: re-closing pressure relief valves are replaced or tested as per 7.2.1.4(b)

Not Applicable

Gaskets on full opening rear head is inspected and replaced if cut, cracked or split as per 7.2.1.5

Not Applicable

Internal self closing valve and off truck emergency shut down system tested as per 7.2.1.6

Pass

Ensure that all bolts or nuts on any flanged connection or blank flange are in place and properly tightened

Pass

Defects**Welds-Structure**

-belly leaking behind #6 repad (repair)

Valves-PRV-Manways

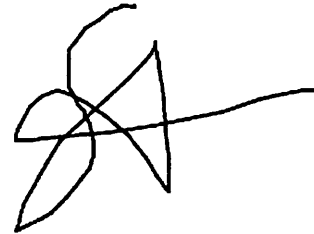
-Tiona vent fails (remove/replace)
-rear load line actuator corroded/loose (remove/replace)
-front short line actuator leaking from stem (remove/replace)
-rear load line air switch seized (remove/replace)

PRV List

Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
# 1 PRESSURE/VACCUM	Tiona	psi	494084 SCFH @ 6.25 PSI	3.63 psi 1 HG	3.63 psi 1 HG	Reinstalled

Tank Disposition

Current Disposition Tank Repaired / Re-Tested / Returned to Service

Approval

Inspector
Shane Arps

Tester
Shane Arps

Service provided by eStandard Solutions.

Pressure Tests - 12-9156 - 2020-12-07

Authoring Information

Created By Nathan Hannah
 780-875-3459
TC Registration 25-1118 (Expires: 2020-11-01)
Facility Fuslon Tank Services
 780-875-3459
 6007 52nd ave
 Lloydminster, AB
 T9V 2S7
Created 2020-12-07 15:29:13
Updated 2020-12-07 15:29:13
Client
Company Larson Management Inc.
 5101-63st
 Lloydminster, AB
 T9V 2E7
Contact 780-205-9243

Tank Data

Ser. No. 12-9156
Unit Number T65
TC Spec. TC 406Crude
Date of mfr. 2011-09-01
Cert date 2011-09-01
VIN 2H9AEBHG5CT002156
Tank mfr. Hutchinson
Assembler Hutchinson
MDIN 8932
CTMV Orig. Test Date 2011-09-01
CTMV Cert Date 2011-09-01
MAWP 20.7 Kpa
Test P. 34.5 Kpa
Mfd. head thick 6.35 mm
Min. head thick 4.39 mm
Mfd. shell thick 6.35 (bottom) 4.75 (upper) mm
Min. shell thick 4.39(BOTTOM) 4.39 (UPPER) mm
Exposed Surface 84.5 m2
Cap. 380000 litres
Lining None
Original Test Date 2011-09-01

Pressure Test

Inspection Date 2020-12-07
Inspection Expiry Date 2025-12-31
PRV set to discharge P 3.63 psi

12/7/2020

Pressure Tests • eStandard Solutions

Test Medium	Air		
No. of	1		
Compartments			
Compartment 1	Start (psi) 34.5KPA	End (psi) 34.5KPA	Hold Time 60MIN
Test Results	When venting devices are removed, they are bench tested and meet the requirements for the tank Pass Product piping with all valves and accessories in place and operative must be pressure tested at not less than 80% MAWP Pass When removed from the pressure supply, the test pressure is retained for the specified time for the pneumatic or hydrostatic test Pass Inspect the entire area of the head, shell and welds for leaks or deformation. If defects found note the location on the report Pass		
Defects	Hoses/Other TESTED LEAKS MENTIONED IN VISUAL EXTERNAL, AND LOADLINE REPLACEMENT, OK.		

Tank Disposition

Current Disposition Passed / No Defects Found

Approval

Inspector
 Nathan Hannah

Tester
 Nathan Hannah

Service provided by eStandard Solutions.

12/7/2020

Internal Visual Inspections » eStandard Solutions



Internal Visual Inspections - 12-9156 - 2020-12-07

Authoring Information

Created By Nathan Hannah
 780-875-3459
TC Registration 25-1118 (Expires: 2020-11-01)
Facility Fusion Tank Services
 780-875-3459
 6007 52nd ave
 Lloydminster, AB
 T9V 2S7
Created 2020-12-07 15:25:22
Updated 2020-12-07 15:25:22
Client
Company Larson Management Inc.
 5101-63st
 Lloydminster, AB
 T9V 2E7
Contact 780-205-9243

Tank Data

Serial No. 12-9156
Unit Number T65
TC Spec. TC 406Crude
Date of mfr. 2011-09-01
Cert. date 2011-09-01
VIN 2H9AEBHG5CT002156
Tank mfr. Hutchinson
Assembler Hutchinson
MDIN 8932
CTMV Orig. Test Date 2011-09-01
CTMV Cert Date 2011-09-01
MAWP 20.7 Kpa
Test P. 34.5 Kpa
Mfd. head thick 6.35 mm
Min. head thick 4.39 mm
Mfd. shell thick 6.35 (bottom) 4.75 (upper) mm
Min. shell thick 4.39(BOTTOM) 4.39 (UPPER) mm
Exposed Surface 84.5 m2
Cap. 380000 litres
Lining None
Original Test Date 2011-09-01

Internal Visual Inspection

Inspection Date 2020-12-07
Inspection Expiry Date 2025-12-31

12/7/2020

Internal Visual Inspections » eStandard Solutions

Inspection

Lining test completed if lined as per 7.2.2.1(c)
 Not Applicable

Enter the tank and inspect for: dents, gouges, cracks, corrosion, abrasions or signs of leakage in the shell or heads including bulkheads as per 7.2.2.1(a)
 Pass

Inspect piping, valves and gaskets for damage as per 7.2.2.1(a)
 Repair

Inspect every weld for cracks, defects or signs of leakage as per 7.2.2.1(b)
 Pass

Corroded areas are thickness tested if found as per 7.2.2.1(d)
 Not Applicable

Defects

Piping
 LOADLINE ALMOST WORN THRU LOADLINE BRACKETS, REMOVED AND REPLACED LOAD LIE IN ITS ENTIRETY.

Tank Disposition

Current Disposition Tank Repaired / Re-Tested / Returned to Service

Approval

Inspector
 Nathan Hannah

Tester
 Nathan Hannah

Service provided by eStandard Solutions.

INSPECTIONS - 12-9156 - 2020-12-07

Created by Nathan Hannah
TC Registration 25-1118 (Expires: 2020-11-01)
Facility Fusion Tank Services
 780-875-3459
 6007 52nd ave
 Lloydminster, AB
 T9V 2S7
Created 2020-12-07 15:31:16
Updated 2020-12-07 15:31:16
Client
Company Larson Management Inc.
 5101-63st
 Lloydminster, AB
 T9V 2E7
Contact 780-205-9243
Tank Data
Ser. No. 12-9156
Unit Number T65
TC Spec. TC 406Crude
Date of mfr. 2011-09-01
Cert. date 2011-09-01
VIN 2H9AEBHG5CT002156
Tank mfr. Hutchinson
Assembler Hutchinson
MDIN 8932
CTMV Orig. Test Date 2011-09-01
CTMV Cert Date 2011-09-01
MAWP 20.7 Kpa
Test P. 34.5 Kpa
Mfd. head thick 6.35 mm
Min. head thick 4.39 mm
Mfd. shell thick 6.35 (bottom) 4.75 (upper) mm
Min. shell thick 4.39(BOTTOM) 4.39 (UPPER) mm
Exposed Surface 84.5 m2
Cap. 380000 litres
Lining None
Original Test Date 2011-09-01
Upper Coupler Inspection
Inspection Date 2020-12-07
Inspection Expiry Date 2025-12-31

12/7/2020

Upper Coupler Inspections • eStandard Solutions

Inspection
 Corroded or abraded areas
 Pass
 Cracks or defects in welds
 Pass
 Dents or distortions
 Pass
Defects No defects found.
Tank Disposition
Current Disposition Passed / No Defects Found
Approval

Nathan Hannah

Nathan Hannah

Inspector
 Nathan Hannah

Tester
 Nathan Hannah

Service provided by eStandard Solutions.