



Farm Wagon Annual Visual Inspection Report

721 Middleton Ave
Brandon, MB R7C 1A8
Phone: (204) 571-6722

Nutrien Ag Solutions
PO Box 280
107 - 3rd Street East
Birch River, MB
R0L 0E0, Canada
204-539-2255

Inspection Information

Job ID: 31434
Date: September 29, 2022
Job: [2840](#)
ID: 21832
Company: Nutrien Ag Solutions
Location: Branch 7093, PO Box 280, Birch River, MB
Inspector: Ghidoni, Bobby

Asset information

Name: N 44063
Tattle ID:
Status: In Service
Type: Farm Wagon
Location: Branch 7093, PO Box 280, Birch River, MB
Company: Nutrien Ag Solutions

Overview

| | |
|---|-------------------|
| Facility: | 25-0829 (Brandon) |
| Has this unit been in service for the past year?: | Yes |
| Service: | NH3 |
| Data Plate(s) are present and legible: | Yes |
| This inspection is conducted in accordance with: | CSA B620 |

Associated Transports

Fleet #:
Engine Serial #:
Chassis Serial #:
Vehicle Identification Number (VIN):
License Plate:
Manufacturer:
Engine Hours:
Mileage:

Associated Vessels

Vessel #1
Serial Number: 1034298
Fleet Number:
TC Specification: Exempt as per CSA B622 SR55
ASME Plate Location: Drivers Side
U Stamp Yes
List Capacity: 1000.00 USWG
National Board Number: N/L
Provincial Number: N/L

Vessel #2
Serial Number: 849052
Fleet Number:
TC Specification: Exempt as per CSA B622 SR55
ASME Plate Location: Drivers Side
U Stamp Yes
List Capacity: 1000.00 USWG
National Board Number:
Provincial Number:

Manufacturer: Trinity Industries
Year Built: 1976
MAWP: 250 psi
MDMT: 0
CRN or TCRN: 3590.64
Altered By: N/A
Diameter: 41.000 in
Head Material: N/L
Minimum Head Thickness: 0.231 in
Shell Material: N/L
Minimum Shell Thickness: 0.320 in
headType: Hemi
Seam To Seam Length: 152.000 in
This tank is constructed of: NQT
PWHT: No
PRV expiry: 2025-08
Paint Grading: 4 - Paint is deteriorating from either rust or peeling - below average
Assembler: N/A
Certification Date:
Lining: N/A

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Meters

There are no meters or registers registered to this asset

Associated Hoses

| Serial # | Size x Length | Hose Type | Retest Date | Replacement Year | Test Pressure | HAWP |
|----------|-----------------|-----------|-------------|------------------|---------------|------|
| 50662 | 1" x 10.00 feet | hose | 2023 | 2025 | 420 | 350 |

External Visual Inspection (B620, Clause 7.2.1)

| | |
|--|--|
| Vessel shell and head external condition; no corroded areas, dents, distortions, defects in welds, leakage, overlay patches or any unsafe condition that might render tank unsafe for service: | Acceptable |
| External coating condition: | 4 - Paint is deteriorating from either rust or peeling - below average |
| Rear end protection : | Acceptable |
| Relief / side / rear valve guards : | Acceptable |
| Tank Fixed Liquid Level Valve operable and No leakage.: | Acceptable |
| Tank Level Gauge Legible and Undamaged: | Acceptable |
| Tank pressure gauge (0-400 psi) present, in good working condition, legible, & undamaged: | Acceptable |
| Tank securely mounted and tied down: | Acceptable |

Piping

| | |
|--|------------|
| Valves / piping - external condition: | Acceptable |
| Hydrostatic relief valves and raincaps in place: | Acceptable |
| ACME couplings and dust plugs: | Acceptable |

Relief Valve Information (B620, Clause 7.2.7.6)

| | |
|---|------------------------------|
| Relief Valve Size, Make and SCFM on Unit: | 3/4" Squibb 250psi SCFM 1884 |
| Quantity of Relief Valves on Unit : | 2 |
| Relief Valve Size, Make and SCFM on unit if different from above: | NA |
| Quantity of Reliefs Valve on Unit - If different from above: | N/A |
| New or In Service: | In service |
| Valve expiry: | 2025-08 |
| Relief Valve Service Applicable For:: | NH3 Only |

Wagon

| | |
|---|------------|
| Safety chains present, links properly rated, not corroded, cracked or damaged, safety chain hook and clevis: | Acceptable |
| Tire bolts / nuts in place and fully engaged: | Acceptable |
| Wheel hubs and bearings not cracked, damaged : | Acceptable |
| No structural defects, front axle, rear axle, frame, bunk, 5th wheel assembly, hitch assembly, cracks, corrosion, eye hole, elongation, frame attachments etc.: | Acceptable |
| Emergency water clean and full: | Acceptable |
| Safety kit present : | Acceptable |

Basic Leakage Test

| | |
|---|----------------|
| Test medium: | Product Lading |
| Minimum test pressure (80% of MAWP, or 60 psi for LPG or NH3 service) Pressure applied for minimum of 5 minutes.: | Acceptable |
| Visual Inspection of External Leaks in Piping, Valves and Hoses: | Acceptable |

Decaling

| | |
|--|------------|
| All decals legible; no worn out or fading decals: | Acceptable |
| Product decals in place (Liquid, Vapor, ESO): | Acceptable |
| Anhydrous Ammonia Inhalation Hazard decal : | Acceptable |
| First Aid decals in place (NH3): | Acceptable |
| NH3 transfer Instruction decals in place: | Acceptable |
| Product decals on long sides: | Acceptable |
| NQT / QT decals in place: | Acceptable |
| Inspection decals in place and in correct order: | Acceptable |
| Slow moving vehicle orange triangle and Max 40KM/Hr. decal in place: | Acceptable |
| 33km / Hr Decal installed on Twin Wagons: | Acceptable |
| Anhydrous Ammonia Inhalation Hazard decals Black and White Class 2.3 placard in place: | Acceptable |

Hose Assembly Inspection (B620, Clause 7.2.10.4)


| | |
|--|------------|
| Test Medium: | Water |
| Testing Pressure Applied for minimum 5 minutes: | Acceptable |
| No damage to hose cover, kinked, flattened, or permanently deformed wire braid, soft spots when not under pressure, bulges when under pressure, or loose outer covering, damaged, slipping or excessively worn hose couplings, loose or missing bolts on hose coupling assemblies: | Acceptable |
| Deteriorated legibility or absence of HAWP, Test date and Serial # on Hose tag: | Acceptable |
| Hose expiry date: | Acceptable |
| Hose end valve equipped with safety cage/ correct color: | Acceptable |
| Valve is color coded: | Acceptable |
| Hose assembly has hydrostatic protection: | Acceptable |

Close Out

| | |
|--|-----|
| NQT / QT: | NQT |
| Markings Applied to Vessel: | VK |
| Tank locally stress relieved after repair: | No |
| Tank was completely stress relieved at time of manufacture (PWHT): | No |
| Repairs were undertaken as described in this report: | No |
| Tank fully stress relieved after repair: | No |
| This cargo tank is removed from service: | No |
| Defects or damage was discovered and is described in this report: | No |

| | |
|---|---------|
| This cargo tank is returned to service: | Yes |
| Month/Year: | 2022-09 |

Signatures


Ghidoni, Bobby

Defect Notes