

Inspection Report (On-Highway Lube Truck)

General Info

Year	2012
Make	Ford
Model	F750
Serial Number	3FRNF7FA9CV417953
Truck Odometer Reading	9,282 Miles
Current Inspection / State Cert / DOT	Performed 2/2023 In accordance with 49 CFR, Part 396, FMCSR
Previous Application (e.g., earth moving, mining, demolition, etc)	Equipment Rental

Dimensions

Dimensions	Please enter in or verify (if pre-populated) the following dimensions.
Length (ft and inches)	TBD
Width (ft and inches)	TBD
Height (ft and inches)	TBD
Wheelbase (ft and inches)	TBD
GVWR (lbs)	25,999 Lbs.

Features and Configuration

Features	Enter in and/or verify the following information regarding the features of this equipment.
Drive Type	4X2
Overdrive	N/A
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	No
Cruise Control	No
PTO	Yes
Engine Brake	No
Differential Lock	No
OMM (Operator & Maintenance Manual)	No
Telematics	No
Auxiliary Engine	No
Liftgate	No

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Other Configuration Details / Features / Notes	Valew 2,000 Gal. Water Tank
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Exterior 360 Walkaround

Exterior 360 Walkaround

Exterior Walkaround Photos	
	
	

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General Appearance Inspection Points

General Appearance

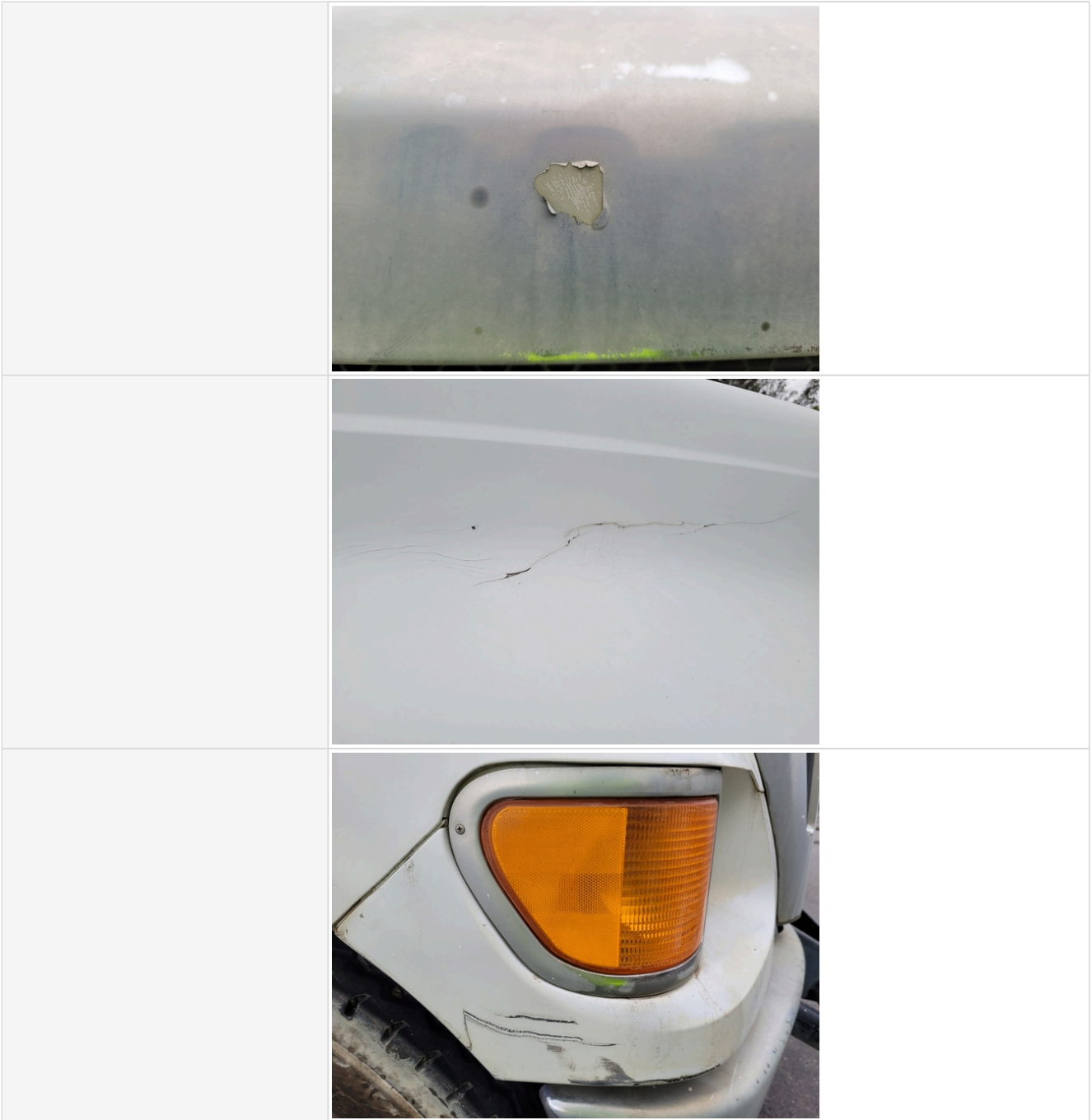
Close-up Exterior Photos



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Body Panels	3 - Normal Wear & Tear
Body Panel Condition	No visible damage, good paint condition and panel fitment, Other (see comments)
Comments	Minor scuff marks on hood and minor chrome damage at front grill
Doors / Canopy Latches	3 - Normal Wear & Tear
Doors / Canopy Latches Condition	No visible damage
Steps / Ladders	3 - Normal Wear & Tear
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound, Other (see comments)

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Comments	Minor dent at bottom step (Fuel Tank Side)
Handrails	3 - Normal Wear & Tear
Handrails Condition	Handrails are fully intact and appear structurally sound
Glass	3 - Normal Wear & Tear
Glass Condition	Glass intact, no visible damage
Mirrors	3 - Normal Wear & Tear
Mirror Condition	Mirrors present and intact, no visible damage
Exterior Lights	3 - Normal Wear & Tear
Exterior Lights Condition	No visible damage, lighting system is operational

Cab Inspection Points

On Highway - Cab

VIN/Serial Number Plate Photo	
Odometer Photo	
Cab Interior Photos	

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Odometer Activity	3 - Normal Wear & Tear
Odometer Condition	Odometer is working and in good condition
Controls/Switches/Gauges	3 - Normal Wear & Tear
Controls/Switches/Gauges Condition	All switches/gauges are in good condition and functioning
Brake System Type	Hydraulic
Clutch	3 - Normal Wear & Tear
Clutch Function	Clutch is functioning as expected
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is functioning as expected
Reverse Alarm / Backup Camera	3 - Normal Wear & Tear
Reverse Alarm / Backup Camera Condition	Reverse alarm working as expected
Heater & A/C	3 - Normal Wear & Tear
Heat & A/C Condition	Heater and A/C work as expected
Interior Lights	3 - Normal Wear & Tear
Interior Lights Condition	All interior lights are installed and functioning
Seats/Seat Belts	3 - Normal Wear & Tear
Seats/Seat Belt Condition	Seat(s) in good condition, no stains or tears in upholstery, Seat belt secures properly, Seat(s) have minor surface staining or small tears, Other (see comments)
Comments	Overall interior in good shape. Interior could use a detail wash.
Cab Interior Overall Rating	3 - Normal Wear & Tear

Engine Inspection Points

Engine

Engine Type (Make, Model, Cylinders, Hp)	Cummins - 6BTA - 6 Cyl. - 6.7L - 200HP
Emissions Tier	Tier 4F

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Engine Serial Number	73465810																																
Engine Fuel Type	Diesel																																
Engine Photos	 <p>The first photo shows a close-up of the engine's identification plate. The plate contains the following information:</p> <table border="1"> <thead> <tr> <th>MODEL</th> <th>Fuel Rate at adv. HP</th> <th>100 mm³ @ 2000</th> <th>CPL</th> </tr> </thead> <tbody> <tr> <td>68TA</td> <td></td> <td></td> <td>3073</td> </tr> <tr> <td>Advertised HP</td> <td>200 at 2300 rpm</td> <td></td> <td></td> </tr> <tr> <td>Family</td> <td>CCCK/MBBAAH</td> <td>FEL</td> <td>EPA</td> </tr> <tr> <td>Timing - T.D.C.</td> <td>ELECTRONIC</td> <td>No</td> <td>0.33</td> </tr> <tr> <td>Valve lash cold (mm)</td> <td>0.254 Int., 0.460 Exp.</td> <td>C.I.D.A.</td> <td>408 / 6.7</td> </tr> <tr> <td></td> <td></td> <td>E.G.S.</td> <td>EBALPTDLSGAC</td> </tr> <tr> <td></td> <td></td> <td></td> <td>PM</td> </tr> </tbody> </table> <p>Below the plate is a Cummins logo and a red sticker that reads: "AUTHORIZED MODIFICATIONS THIS MODIFICATION MEETS EPA AND AIRS LAWS AND E THE FOLLOWING MODIFICATIONS HAVE BEEN SCR Catalytic Converter CAMPAIGN NUMBER 4148 DISTRIBUTOR OR REPAIRER CODE 8961".</p>	MODEL	Fuel Rate at adv. HP	100 mm ³ @ 2000	CPL	68TA			3073	Advertised HP	200 at 2300 rpm			Family	CCCK/MBBAAH	FEL	EPA	Timing - T.D.C.	ELECTRONIC	No	0.33	Valve lash cold (mm)	0.254 Int., 0.460 Exp.	C.I.D.A.	408 / 6.7			E.G.S.	EBALPTDLSGAC				PM
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	 <p>The second photo provides a wide-angle view of the engine compartment, showing the engine block, various hoses, and the air intake system.</p>																																
	 <p>The third photo is a close-up view of the engine's lower components, including the oil pan, timing belt, and various sensors and hoses.</p>																																

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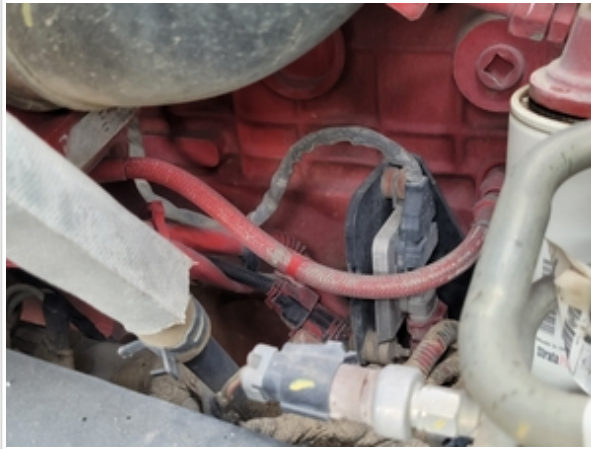
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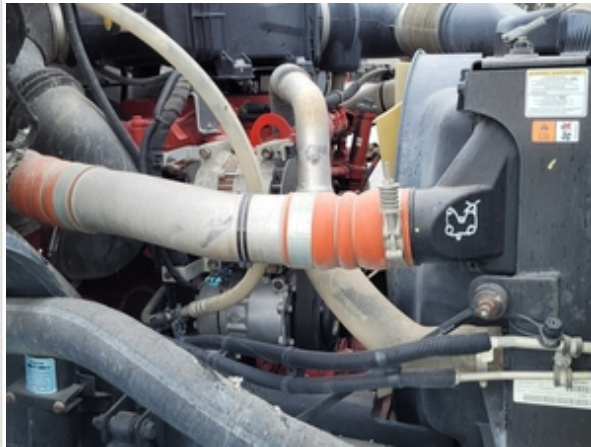
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Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Smoke Notes	No engine smoke issues observed
Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Like new, recently replaced
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	3 - Normal Wear & Tear
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination, Appropriate oil level
Fuel Leaks	No



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Equipped with DPF (Diesel Particulate Filter)	Yes
DPF Condition	3 - Normal Wear & Tear
DPF Condition Notes	Filter housing is intact with no signs of damage or malfunction, DPF indicator is not illuminated
Requires DEF (Diesel Exhaust Fluid)	Yes
DEF Tank	3 - Normal Wear & Tear
DEF Tank Condition	Area around DEF tank cap is clean, fluid is clear & appears free of contaminants
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	Overall engine has well maintained appearance with no active leaks observed. Engine struggled to fire up after sitting parked for a few weeks. Once started and reached operating temperature, engine start issue was non-existent.

Chassis & Drivetrain Inspection Points

On-Highway: Undercarriage Components

Chassis Inspection Points

Chassis Inspection Points	Take photos of all undercarriage and chassis components including frame, suspension, axles, steering, and brake components. Note any damage or wear.	
Chassis & Undercarriage Photos		
		

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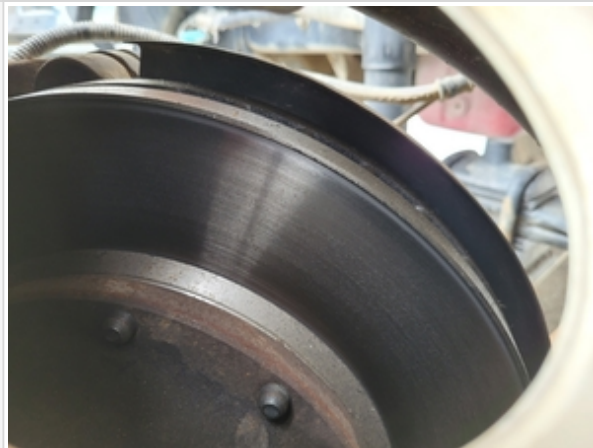
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Frame	3 - Normal Wear & Tear	
Suspension	3 - Normal Wear & Tear	
Steer Axle Condition	3 - Normal Wear & Tear	
Steering Components	3 - Normal Wear & Tear	
Overall Chassis Condition	3 - Normal Wear & Tear	

Drivetrain Inspection Points

Transmission Info (Make/Model)	Manual 6 Speed
Transmission	2 - Above Average Wear
Transmission Condition	Grinding, clunking or whining sounds heard, Other (see comments)
Comments	High pitched abnormal sound heard while engaged into gears & during operation
Transmission Condition Photos	

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PTO	1 - Service Required	
Comments	PTO sounds like it's engaging but driveshaft to water pump not turning	
PTO Photos		
Differential	Check condition of the differential(s). Take photos and notes as relevant.	
Rear Differential	3 - Normal Wear & Tear	
Rear Differential Condition	Dry housing appearance, no unusual noises heard during operation	
Rear Differential Photos		
Front Differential	0	
Brake Shoe Thickness	90%	



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Comments	All brake shoes, rotors and calipers recently replaced
Air Brake System Leaks	N/A
Air Brake Hose Condition	0
Overall Drivetrain Condition	3 - Normal Wear & Tear
Overall Drivetrain Comments	No obvious major issues observed with Frame, brakes, suspension and steering.




Wheels & Tires Inspection Points

Wheels & Tires




Wheels & Tires Inspection Points

Wheels & Hub Condition	3
Wheels & Hub Photos	
	

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Wheel Seal Leaks	No
Tire Brand	Sumitomo
Tire Size	Front&Rear - 11R22.5
Front Left Tire - Ratio Remaining	50%

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Front Left Tire Photos	
Front Right Tire - Ratio Remaining	50%
Front Right Tire Photos	
Rear Right Tire - Ratio Remaining	50%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	50%

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Rear Left Tire Photos	
Additional Axles	Check the condition of all other axles. Specify the position and type of axle. Note any damage or wear. Take photos.

Specialty Component Inspection Points

Fuel Tanks	Describe the number, configuration, capacity, and contents of all fuel tanks equipped on the vehicle
Tank Baffles Intact?	Yes

Oil & Fluid Reservoir Tanks

Oil & Fluid Reservoirs	Check the condition of the vehicle's hydraulic system
Number of Tanks	1
Pumps Installed on Tanks	Yes
Number of Pumps	1
Tank Configuration (Contents, Capacities)	Valew 2,000 Gal. Water Tank with 5 sprayers and suction plumbing. Rear hose reel installed. Spray system is manually/cable operated.
Exterior Tank(s) Condition	3
Comments	Some small areas of rust buildup observed

Exterior Tank(s) Photos	
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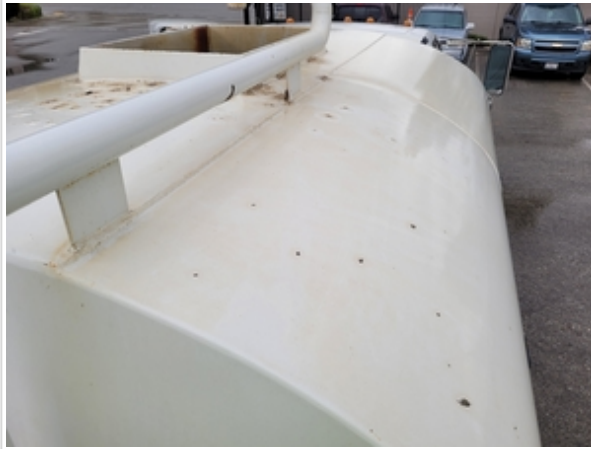
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Rust on front lower side of water tank (Behind left side of Cab)

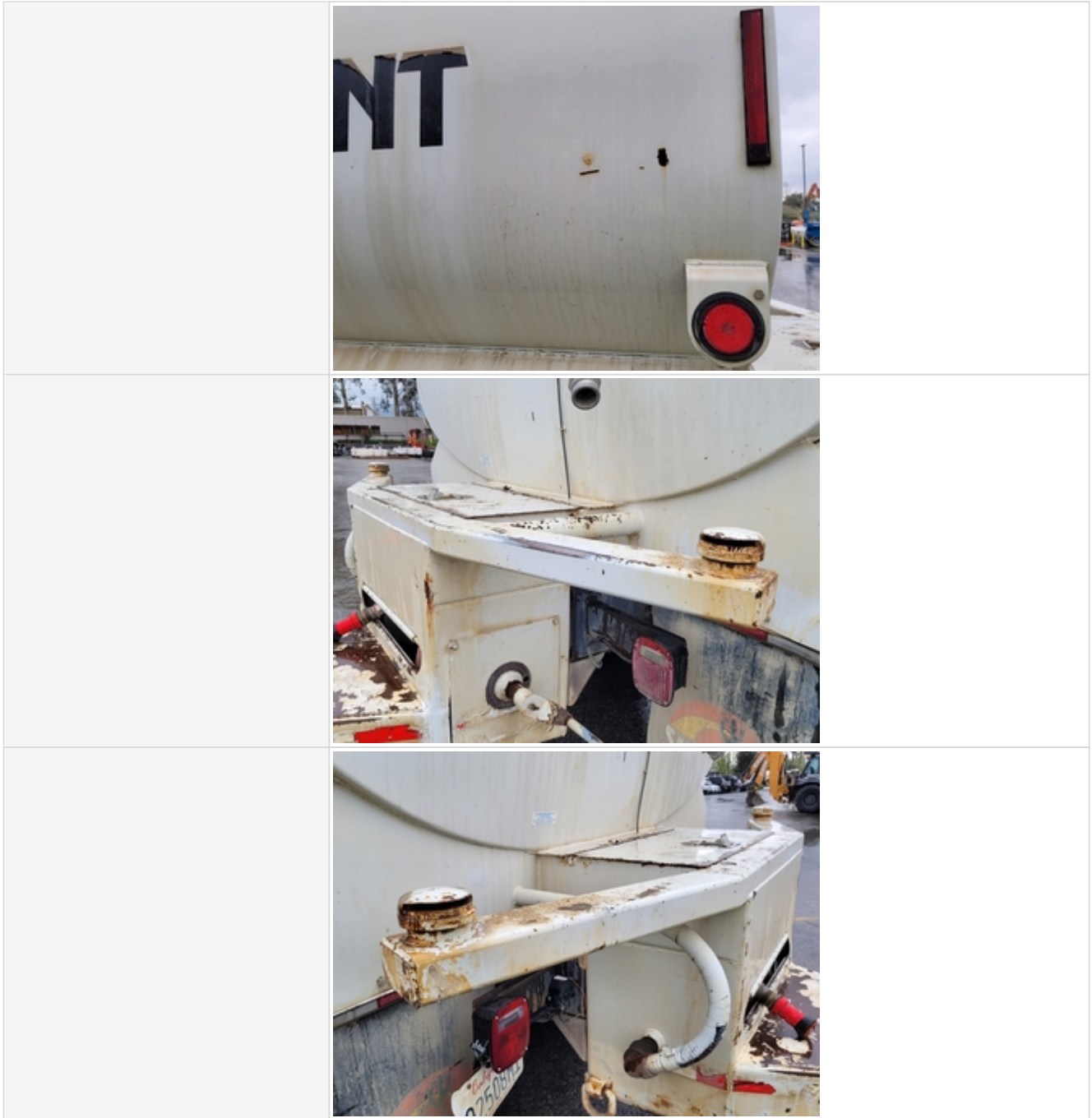
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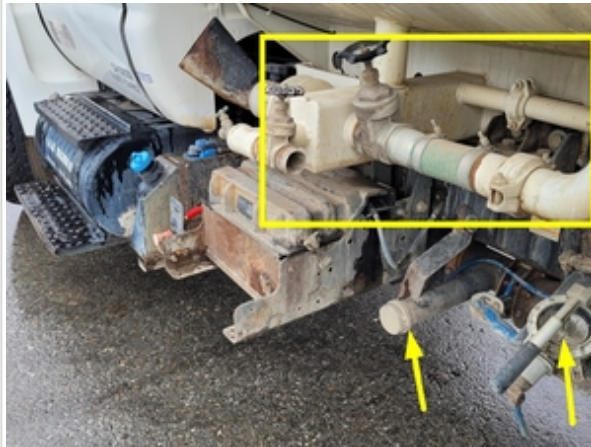
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Suction Plumbing Setup





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<p>Mounting Bolts</p>	<p>3</p>	
<p>Mounting Bolts Photos</p>		

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Interior Tank(s) Condition	3	
Comments	Normal wear and tear	

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<p>Interior Tank(s) Photos</p>	
	
<p>Pump(s) Appearance</p>	<p>3</p>

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Pump(s) Photos



Water pump



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	PTO Driveshaft	
Pump(s) Functionality	1	
Comments	Unable to test spray system due to PTO issue	
Grease Pump Installed	N/A	
Hose Reels & Nozzles	3	
Comments	Rear manual hose reel installed in custom storage compartment behind tank with 1&1/2" hose	
Hose Reels & Nozzles Photos		

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Truck Hydraulics

Truck Hydraulics	Check the condition of the vehicle's hydraulic system
Hydraulic PTO	No
PTO Condition	2
Comments	Issue between PTO connection to outputshaft
Unusual Noises Heard	Yes
Comments	Noise seems to be related to PTO issue
Leaks Found	N/A
Hydraulic Hoses & Fittings	3
Comments	Visually okay (unable to test with water PSI)

Storage

Storage	Check the condition of all storage cabinets (interior & exterior), latches, locks, hinges, and slide out features if applicable.
Toolboxes & Cabinets	3
Comments	Rear storage box has minor surface rust and Lid Handle, Latch not working properly

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Toolboxes & Cabinets Photos	
	
	
Latches & Locks	3
Slide Out Features	N/A

Additional Equipment

Additional Auxiliary Equipment	Add details and evaluate the condition of any additional specialty equipment the vehicle is equipped with including welders, air compressors, pressure washers, and auxiliary tanks or systems.
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Functional Test

Forward & Reverse	3 - Normal, Operating as Expected
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Comments	Truck travels well. Transmission has abnormal high pitched sound.
Steering	3 - Normal, Operating as Expected
Brakes	4 - Operating Within Factory Spec
Comments	All brakes, calipers, and rotors recently replaced.
Engine	3 - Normal, Operating as Expected
Controls	3 - Normal, Operating as Expected
Comments	Main truck controls working well.
Overall Functional Test Comments	Overall Water Spraying System not tested due to inoperable PTO to Water Pump.
Operating Video	Click to Download

Inspection Summary

Overall Assessment

Exterior Rating	3 - Normal Wear & Tear
Interior Rating	3 - Normal Wear & Tear
Safety Rating	3 - Normal Wear & Tear
Quality Rating	3 - Normal Wear & Tear
Functionality Rating	2 - Operable, but Diagnosis Needed
Overall Rating	3 - Normal Wear & Tear
What's Great About the Machine	Water truck is well equipped with a Valew spray system and has additional suction plumbing built in. Rear water hose reel also installed. The F750 has a durable, well maintained Cummins engine and no active leaks observed. The tires have good amount of tread left and the brakes are like new.
What Needs Work	Transmission should be further inspected for abnormal noise. The PTO system not working properly. Unable to test water truck system. Engine cranked longer than expected after sitting for a while without being started. Further diagnosis recommended to determine issue.
Any Additional Info from the Seller?	PTO system will be further inspected to determine issue.
Date/Time	04-14-2023