

DB 7131



Association of Missouri Electric Cooperative Aerial Device Test Report



Date: Tue, Sep 12, 17

Unit Number: 38

Report Number: 00382817

Test Location: POPLAR BLUFF

Report Given To: CHUCK REINBOTT

Type of Test: Dielectric & Structural

Temperature: 70

Wind: 0

Humidity: 50%

Aerial Device Information

Description: Bucket

Manufacturer: TEREX

Model Number: TL 37

Serial Number: 2090839942

Date of Manufacturer: Sun, Feb 1, 09

Tested By: Rob G & Cody






Next test should be on or about: Sun, Mar 11, 18

Test and Report Limitations

This report is provided to you with the understanding that AMEC is only conducting the test and assisting you in interpreting the results. AMEC is not making any recommendation concerning the use of your equipment. Those decisions are solely up to you. These tests determine the state of the equipment at the time the tests were performed. Use of the equipment and the passage of time can cause changes in the equipment that would make these results invalid. The equipment should be re-tested at regular intervals to insure currency of the information produced by the tests.

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Dielectric Test

Area Tested:	Voltage:	Time:	Leakage:	Comments:
 Basket Liner 1	35kv	60 Sec.	Passed	
 Basket Liner 1	35kv	60 Sec.	N/A	
Hydraulic Oil			Passed	
 Basket Shaft to Lower Boom	40kv	60 Sec.	.06MA	
 Lower Boom Insert	35kv	180 Sec.	.90MA	
 Basket Shaft to Chassis	40kv	60 Sec.	.06MA	

**Functional,
Operational, &
Structural Test**

Defect Class: 1 = Serious, Recommend Shut Down & Out of service
 2 = Caution, Recommend Shut Down, Use with caution
 3 = Repairs needed, Recommend soon or next maintenance

4 = Item Noted
 5 = OK
 6 = N/A

Area Inspected:	Defect Class:	Comments:
Outriggers	5	
Chassis	5	
Pedestal	5	
Turntable	5	
Lower Boom	3	DAMAGE TO LOWER BOOM LEVELING ARM GELCOAT
Elbow	5	
Upper Boom	5	
Bucket	5	
Digger/Auger	6	
Placards/Decals	5	
Other	5	
Grounding Set	4	14922 PASSED 2/0
First Aid Kit	3	MISSING FIRST AID KIT
Fire Extinguisher	5	

AE Test

Rated Capacity:	Percentage of Pull:	Load Test:	Passed/Failed:
400	200	800	Passed

Comments:

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DB 7131

VEHICLE HISTORY RECORD	
REPORT NUMBER	FLEET UNIT NUMBER
41374220	Old 38
DATE	1-04-2018

INSPECTOR'S NAME (PRINT OR TYPE)

THIS INSPECTOR MEETS THE QUALIFICATION REQUIREMENTS IN SECTION 396.19.

☒ YESVEHICLE IDENTIFICATION (✓ AND COMPLETE) ☒ LIC. PLATE NO. ☐ VIN ☐ OTHER

45A3ZU

INSPECTION AGENCY/LOCATION (OPTIONAL)

VEHICLE COMPONENTS INSPECTED

OK	NEEDS REPAIR	REPAIRED DATE	ITEM	OK	NEEDS REPAIR	REPAIRED DATE	ITEM	OK	NEEDS REPAIR	REPAIRED DATE	ITEM
			1. BRAKE SYSTEM				6. SAFE LOADING				10. TIRES
✓			a. Service Brakes				a. Part(s) of vehicle or condition of loading such that the spare tire or any part of the load or dunnage can fall onto the roadway.	✓			a. Tires on any steering axle of a power unit.
✓			b. Parking Brake System				b. Protection against shifting cargo.	✓			b. All other tires.
✓			c. Brake Drums or Rotors	✓			c. Container securement devices on intermodal equipment.				c. Installation of speed-restricted tires unless specifically designated by motor carrier.
✓			d. Brake Hose								
✓			e. Brake Tubing								
✓			f. Low Pressure Warning Device	✓							
			g. Tractor Protection Valve								
			h. Air Compressor	✓							
✓			i. Electric Brakes								
✓			j. Hydraulic Brakes								
			k. Vacuum Systems	✓							
✓			l. Antilock Brake System	✓							
			m. Automatic Brake Adjusters								
			2. COUPLING DEVICES				7. STEERING MECHANISM				11. WHEELS AND RIMS
✓			a. Fifth Wheels	✓			a. Steering Wheel Free Play	✓			a. Lock or Side Ring
✓			b. Pintle Hooks				b. Steering Column	✓			b. Wheels and Rims
✓			c. Drawbar/Towbar Eye	✓			c. Front Axle Beam and All Steering Components Other Than Steering Column	✓			c. Fasteners
✓			d. Drawbar/Towbar Tongue	✓			d. Steering Gear Box				d. Welds
✓			e. Safety Devices	✓			e. Pitman Arm				
✓			f. Saddle-Mounts	✓			f. Power Steering	✓			
			3. EXHAUST SYSTEM	✓			g. Ball and Socket Joints				12. WINDSHIELD GLAZING
✓			a. Exhaust system leaking forward of or directly below the driver/sleeper compartment.	✓			h. Tie Rods and Drag Links				Requirements and exceptions as stated pertaining to any crack, discoloration or vision reducing matter (reference 393.60 for exceptions).
			b. Bus exhaust system leaking or discharging in violation of standard.	✓			i. Nuts				
			c. Exhaust system likely to burn, char, or damage the electrical wiring, fuel supply, or any combustible part of the motor vehicle.	✓			j. Steering System				
			4. FUEL SYSTEM				8. SUSPENSION				13. WINDSHIELD WIPERS
✓			a. Visible leak.				a. Any U-bolt(s), spring hanger(s), or other axle positioning part(s) cracked, broken, loose or missing resulting in shifting of an axle from its normal position.				Any power unit that has an inoperative wiper, or missing or damaged parts that render it ineffective.
✓			b. Fuel tank filler cap missing.	✓			b. Spring Assembly	✓			
✓			c. Fuel tank securely attached.	✓			c. Torque, Radius or Tracking Components				
			5. LIGHTING DEVICES	✓			9. FRAME				14. MOTORCOACH SEATS
✓			All lighting devices and reflectors required by Part 393 shall be operable.	✓			a. Frame Members				Any passenger seat that is not securely fastened to the vehicle structure.
							b. Tire and Wheel Clearance				
							c. Adjustable Axle Assemblies (Sliding Subframes)				15. OTHER
											List any other condition(s) which may prevent safe operation of this vehicle.

INSTRUCTIONS: MARK COLUMN ENTRIES TO VERIFY INSPECTION: ✓ OK X NEEDS REPAIR NA IF ITEMS DO NOT APPLY. REPAIRED DATE

CERTIFICATION: THIS VEHICLE HAS PASSED ALL THE INSPECTION ITEMS FOR THE ANNUAL VEHICLE INSPECTION IN ACCORDANCE WITH 49 CFR PART 396.