



Association of Missouri Electric Cooperative Aerial Device Test Report



Date: Thu, Jun 4, 15

Unit Number: 8

L 7146

Report Number: 00081515

Cooperative: Grundy Electric Cooperative
4100 Oklahoma Avenue
Trenton

Test Location: TRENTON

Report Given To: J.D. PASH

Type of Test: Dielectric & Structural

Temperature: 76

Wind: 5

Humidity: 90%

Aerial Device Information

Description: Bucket

Manufacturer: VERSALIFT

Model Number: VO36T

Serial Number: EB010009

Date of Manufacturer: Thu, Apr 26, 01



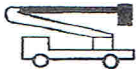


Tested By: Mike Markham & Jerry Knapp

Next test should be on or about: Fri, Jun 3, 16

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.

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. | .83ma | |
|  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 | 5 | |
| Elbow | 5 | |
| Upper Boom | 5 | |
| Bucket | 5 | |
| Digger/Auger | 6 | |
| Placards/Decals | 5 | |
| Other | 3 | Missing inspection cover for upper boom. |
| Grounding Set | 4 | 6941-Tested good to 21,000 amps fault current. |
| First Aid Kit | 5 | |
| Fire Extinguisher | 5 | |

AE Test

| Rated Capacity: | Percentage of Pull: | Load Test: | Passed/Failed: |
|-----------------|---------------------|------------|----------------|
| 300 | 200 | 600 | Passed |

Comments:

L7146
COPY

Job#: 15261

Customer: Grundy Electric

Locations: Princeton Mo

Authorized: JEFF

Date: 11-27-15

Truck: 8

Make/Model: V036 I

Serial: E8010009

Miles: 202987

Engine Hrs: _____

PTO Hrs: _____

Repair: 1. SCHEDULED P.M. INSPECTION

COMPLIES WITH SCHEDULED INSPECTION. REPAIRS MADE + THOSE
PENDING LISTED ON ATTACHED FORM.

11-27-15 7:30-2:00 2 T

Parts: 1-580712 FLTR 56.62

Parts 56.62
Tax 3.15
Total 59.77

Labor 6.5 hrs @ 65.00 422.50
Travel 2 @ 65.00 130.00

Total Due: 612.27

MAINTENANCE AND INSPECTION CHECKLIST AND RECORD

VERSALIFT TEL-29-N/NE SERIAL NO. EB010009 VEHICLE NO. 8

Fill in date and initial boxes when each check is made. All inspections, adjustments, repairs, and lubrication must be made according to the Service and Installation Manual. Additional copies of this form can be obtained from Time Manufacturing Company. Refer to preceding pages for instructions.

PERFORM DAILY CHECKS LISTED IN OPERATOR'S MANUAL EVERY DAY

| 30 DAYS AFTER "IN SERVICE" DATE (ONE-TIME SERVICE) | | DATE: |
|----------------------------------------------------|----------|-------|
| 1. MAINTENANCE | | |
| A. Re-Torque All Critical Fasteners | 11-27-15 | |
| B. Replace Return Line Filter | 11-27-15 | |

SERVICE PROCEDURES

| EVERY 3 MONTHS OR 250 HRS | | DATE: |
|-----------------------------------------------------------|---------------------------------------------|-------|
| 1. GENERAL INSPECTION | | |
| A. Remove Trash/Debris | 11-27-15 Jw OK | |
| B. Check For Interference | 11-27-15 Jw OK | |
| C. Inspect Hoses (Damage, Wear) | 11-27-15 REROUTED KINKED PREC. HOSE TO H/C | |
| D. Wires/Electrical (Damage, Wear) | 11-27-15 REMOVED WIRES YEL 14 SS BEHIND CAB | |
| E. Inspect Decals | 11-27-15 Jw OK | |
| F. Inspect Boom Rests/Tie Down Strap | 11-27-15 Jw TIE DOWN BROKE | |
| 2. STRUCTURAL INSPECTION | | |
| A. Inspect Critical Fasteners | 11-27-15 Jw OK | |
| B. Inspect Welds | 11-27-15 Jw OK | |
| C. Inspect Structural Components (Deformation, Corrosion) | 11-27-15 Jw OK | |
| D. Inspect Platform (Cracks, Damage) | 11-27-15 Jw OK | |
| 3. OPERATIONAL CHECKS | | |
| A. Check PTO/Pump | 11-27-15 Jw OK | |
| B. Check Control Operation | 11-27-15 Jw OK | |
| C. Holding Valves | 11-27-15 Jw OK | |
| D. Check Clearances During Operation | 11-27-15 Jw OK | |
| E. Check For Hydraulic Oil Leaks | 11-27-15 Jw ROTARY JOINT | |
| F. Check For Cylinder Rod Damage | 11-27-15 Jw OK | |
| 4. MAINTENANCE | | |
| A. Lube Rotation Bearings | 11-27-15 Jw ✓ | |
| B. Lube Pinion | 11-27-15 Jw ✓ | |

| EVERY 6 MONTHS CHECK OR 500 HRS | | DATE: |
|-----------------------------------------------|-----------|-------|
| 1. INSPECTION | | |
| A. Check Hydraulic Oil (Contamination, Water) | 11-27-15 | |
| 2. MAINTENANCE | | |
| A. Replace Return Filter | 11-27-15 | |
| B. Clean Suction Strainer | — | |
| C. Adjust Relief Valve | OK @ 2500 | |
| D. Adjust Pinion Backlash | OK | |
| E. Retorque Critical Bolts | 11-27-15 | |

PLEASE SEE BACK

