



Association of Missouri Electric Cooperative Aerial Device Test Report



Date: Tue, Jul 1, 14

Unit Number: 9

Report Number: 00092514

Cooperative: North Central Missouri Electric Co-op
HWY. E-WEST, P.O. BOX 220
Milan

Test Location: MILAN

Report Given To: BRAD BOHLE

Type of Test: Dielectric & Structural

Temperature: 74

Wind: 10

Humidity: 90%

Aerial Device Information

Description: Bucket

Manufacturer: VERSALIFT

Model Number: EH110036

Serial Number: SST40EIH01

Date of Manufacturer: Fri, Apr 1, 11







Tested By: Mike Markham & Jerry Knapp

Next test should be on or about: Wed, Jul 1, 15

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	
 Fiberglass Extension	40kv	60 Sec.	.08ma	
 Lower Boom Insert	35kv	180 Sec.	.89ma	
 Basket Shaft to Chassis	40kv	60 Sec.	.08ma	

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	3	Missing first aid kit decal on bin door.
Other	5	
Grounding Set	4	4666-Tested good to 14,500 amps fault current.
First Aid Kit	5	
Fire Extinguisher	5	

AE Test

Rated Capacity:	Percentage of Pull:	Load Test:	Passed/Failed:
350	200	700	Passed

Comments:

North Central Missouri Electric Coop - Fleet Management

Year	Make	Model	Vin #	License #	Truck #	Serial #	Description
2011	DODGE	RAM 550	3D6WU7EL5BG599898		9		
Oil Filter #			Air Filter #		Fuel Filter #		Hydrolic Filter #
Transmission			Rear End		PTO		Hydraulic Pump
							4081360 8PK3455
Service and Repair Record							
Date	Mileage	Hours	Service Completed				
10/17/2011	6160		REPLACED HYDRAULIC CLUTCH				
11/21/2011	8757	395	CHANGED OIL & FILTER				
2/24/2012	16553	849	CHANGED OIL & FILTER & AIR FILTER				
6/20/2012	24140	1243	CHANGED OIL				
8/30/2012	30049	1541	CHANGED OIL & AIR FILTER				
3/6/2013	45149	2276	CHANGED OIL				
6/6/2013	53282	2637	CHANGED OIL & REAR BRAKES				
9/19/2013	60877	2997	CHANGED OIL @ AIR FILTER @ TIRES				
11/14/2013	65155		NEW ALTENATER				
1/8/2014	67145		CHANGED FUEL FILTER				
1/27/2014	68563	3423	CHANGED OIL				
5/5/2014	76272	3817	CHANGED OIL & AIR FILTER				
8/19/2014	84223	4208	CHANGED OIL				
8/19/2014			REPLACED DRIVERSIDE BALL JOINTS				
10/1/2014	87201		new egr cooler				
3/18/2015	93854		CHANGED OIL AND FILTER				
8/20/2015	100789		CHANGED OIL & FILTER,AIR FILTER				
1/18/2016	109532		CHANGED OIL AND FILTER				