

Test Type Capacity Test (1)
 Operator 1
 Battery ID(File) BTE0408-18
 Battery Type 18-125-17
 Serial # 0408-36
 Purchase Date 04/22/2008
 Warranty End Date 04/22/2009
 Battery Cost 3200
 Number of Cells 18
 Delayed Start Date
 Delayed Start Time
 Test Length (Hours) 6
 Rated Amp-Hr Cap 1000
 Test Current (Amps) 166.67
 Battery Failure (V) 27.2
 Min Cell Volts 1.7
 Cell Jumper Level (V) 1.5
 Spreadsheet Interval 10
 Cell Status Interval 10
 Actual Amp-Hr Cap 892.61
 Corrected Amp-Hr Cap 868.09
 Corrected Rated Cap 86.81% ----->(Capacity of cells > Min Cell Volts)
 Initial Temp (Deg F) 88.3
 Final Temp (Deg F) 101
 Leakage Volts 18.31
 Battery Output (kWh) 30.844
 BDI Model/Serial #

Hydrometer Readings

Pre-Test SG		Post-Test SG			
Cell #1	1.3068	SG	84.1	F	Cell #1=N/A
Cell #2	1.2992	SG	86.8	F	Cell #2=N/A
Cell #3	1.3101	SG	87.9	F	Cell #3=N/A
Cell #4	1.3138	SG	88.1	F	Cell #4=N/A
Cell #5	1.3091	SG	87.2	F	Cell #5=N/A
Cell #6	1.3008	SG	84.7	F	Cell #6=N/A
Cell #7	1.3097	SG	86.7	F	Cell #7=N/A
Cell #8	1.3150	SG	90.7	F	Cell #8=N/A
Cell #9	1.3022	SG	91.8	F	Cell #9=N/A
Cell #10	1.3122	SG	92.0	F	Cell #10=N/A
Cell #11	1.3058	SG	91.3	F	Cell #11=N/A
Cell #12	1.3019	SG	88.3	F	Cell #12=N/A
Cell #13	1.3046	SG	87.1	F	Cell #13=N/A
Cell #14	1.2998	SG	90.1	F	Cell #14=N/A
Cell #15	1.2996	SG	90.4	F	Cell #15=N/A
Cell #16	1.3071	SG	89.1	F	Cell #16=N/A
Cell #17	1.3198	SG	88.4	F	Cell #17=N/A
Cell #18	1.3140	SG	85.4	F	Cell #18=N/A

Test Start Date=May 19 2009 Test Start Time=10:35:16

Beginning Voltages

Time Into Test=00:00:00

Battery Volts=38.76

1=2.15	2=2.15	3=2.16	4=2.16	5=2.15	6=2.14
7=2.16	8=2.16	9=2.15	10=2.16	11=2.15	12=2.15
13=2.15	14=2.14	15=2.15	16=2.15	17=2.17	18=2.16

Ending Voltages

Time Into Test=05:21:20

Battery Volts=27.99

1=1.75	2=1.71	3=1.72	4=1.75	5=1.53	6=0.05
7=1.80	8=1.80	9=1.74	10=1.80	11=1.79	12=1.78
13=1.71	14=0.04	15=1.63	16=1.77	17=1.82	18=1.80

REASON FOR ABORT: USER ABORT

ALARM EVENTS:

*May 19 2009 RunTime= 04:24:31 Cell # 6 Reached 1.70V
Corrected Amp-Hr Cap=714.37 Corrected Rated Cap=71.44%

*May 19 2009 RunTime= 04:33:10 Cell #14 Reached 1.70V
Corrected Amp-Hr Cap=737.74 Corrected Rated Cap=73.77%

Cell #6=1.50 Removed from TestTime=04:39:15

Cell #14=1.50 Removed from TestTime=04:45:59

*May 19 2009 RunTime= 05:06:23 Cell # 5 Reached 1.70V
Corrected Amp-Hr Cap=827.47 Corrected Rated Cap=82.75%

*May 19 2009 RunTime= 05:11:47 Cell #15 Reached 1.70V
Corrected Amp-Hr Cap=842.06 Corrected Rated Cap=84.20%

RECOMMENDATIONS:

Cells to Replace:6,14

*Cells to Replace refer to Cells/Jars reaching Min Cell Volts and are < 80% capacity.

("Scrap?") Indication = More than 4 cells failed during a test and Battery replacement is recommended. User to determine if economical to repair/replace.