

# SOUTHWEST RESEARCH INSTITUTE®

6220 CULEBRA ROAD • POST OFFICE DRAWER 28510 • SAN ANTONIO, TEXAS, USA 78228-0510 • (210) 684-5111 • WWW.SWRI.ORG

January 26, 2010

Mr. Mark Stone  
Evans Cooling Systems, Inc.  
255 Gay Street  
Sharon, CT 06069

Dear Mr. Stone:

Subject: Test Report

The analysis that you requested on one sample received at our laboratory on 10/29/09 in a quart container has been completed. The result is summarized on the enclosed data sheet.

Test aliquots were taken in accordance with the test procedure. The analyses pertain only to the samples received by Southwest Research Institute and represent only a sampling of the batch. Analyses were performed in accordance with the ASTM D-1384 without modifications except that 1.) Corrosive water was not added and 2.) air was not bubbled. This report shall not be reproduced except in full without the express written permission of Southwest Research Institute.

If you have any questions concerning these test results, please contact me.

Sincerely,



Charles Nystrom, Senior Research Technologist  
Petroleum Products Research Dept.  
Automotive Products & Emissions Res.

CN: jmj

Enclosure

Note 1: The information contained in this document is legally privileged and/or proprietary business information intended only for the use of the individual or the entity named above. If the reader of this document is not the intended recipient, you are hereby notified that any dissemination, distribution, or copy of this document is strictly prohibited. If you have received this document in error, please immediately notify us by telephone at 210/522-5310 and return the original document to the sender at the return address via the United States Postal Service.

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Evans Cooling Systems, Inc.  
January 26,2010

NPG+

## ASTM D-1384 Corrosion in Glassware Weight Change, mg/Specimen

Copper	2
Copper	1
Copper	3
<b>Average</b>	<b>2</b>
Solder	3
Solder	1
Solder	0
<b>Average</b>	<b>1</b>
Brass	0
Brass	0
Brass	0
<b>Average</b>	<b>0</b>
Steel	0
Steel	-1
Steel	-1
<b>Average</b>	<b>-1</b>
Cast Iron	-1
Cast Iron	-1
Cast Iron	-1
<b>Average</b>	<b>-1</b>
Aluminum	-12
Aluminum	-5
Aluminum	-5
<b>Average</b>	<b>-7</b>



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Charles Nystrom, Sr. Research Technologist  
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Evans Cooling Systems, Inc.  
January 26, 2010

## EXPFL91

### ASTM D-1384 Corrosion in Glassware Weight Change, mg/Specimen

Copper	1
Copper	1
Copper	2
<b>Average</b>	<b>1</b>
Solder	8
Solder	6
Solder	11
<b>Average</b>	<b>8</b>
Brass	-1
Brass	-2
Brass	-2
<b>Average</b>	<b>-2</b>
Steel	-2
Steel	0
Steel	1
<b>Average</b>	<b>0</b>
Cast Iron	-1
Cast Iron	-1
Cast Iron	1
<b>Average</b>	<b>0</b>
Aluminum	-5
Aluminum	-5
Aluminum	-6
<b>Average</b>	<b>-5</b>



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Charles Nystrom, Sr. Research Technologist  
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Evans Cooling Systems, Inc.  
January 26,2010

## EXPFL82

### ASTM D-1384 Corrosion in Glassware Weight Change, mg/Specimen

Copper	2
Copper	4
Copper	4
<b>Average</b>	<b>3</b>
Solder	3
Solder	4
Solder	5
<b>Average</b>	<b>4</b>
Brass	-1
Brass	-1
Brass	-1
<b>Average</b>	<b>-1</b>
Steel	0
Steel	0
Steel	0
<b>Average</b>	<b>0</b>
Cast Iron	-1
Cast Iron0	-1
Cast Iron	1
<b>Average</b>	<b>0</b>
Aluminum	-7
Aluminum	-3
Aluminum	-4
<b>Average</b>	<b>-4</b>



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Charles Nystrom, Sr. Research Technologist  
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