

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AMALGATECH
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Phoenix, AZ 85017
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CHEMICAL

Valid To: March 31, 2012

Certificate Number: 2168.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on coolants:

| <u>Test</u> | <u>Test Method</u> |
|---|-----------------------|
| Boiling Point | ASTM D1120 |
| Reserve Alkalinity | ASTM D1121 |
| Density | ASTM D1122 |
| % Water by Karl Fisher Method | ASTM D1123 (Method A) |
| Freezing Point by Dry Ice (°F) | ASTM D1177 |
| pH of Coolant | ASTM D1287 |
| Corrosion Test | ASTM D1384 |
| Effect on Auto Finishes | ASTM D1882 |
| Simulated Service Corrosion Testing | ASTM D2570 |
| Field Test Determination of Freezing Point (°F) | ASTM D3321 |
| Trace Chloride | ASTM D3634 |
| Corrosion of Cast Aluminum Alloys | ASTM D4340 |
| Foam by Shaking | ASTM D4921 |
| Foam by Air Permeation | ASTM D1881 |
| Anions by Ion Chromatograph | ASTM D5827 |
| Elements by ICP (Si, Mo, Pb, Fe, B, Mg, Ca, Cu, Al, Na, K, Zn) | ASTM D6130 |
| Pump Cavitation Corrosion | ASTM D2809 |
| Ash | ASTM D1119 |





The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

AMALGATECH

Phoenix, AZ

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 20th day of April 2010.



A handwritten signature in black ink, appearing to read "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 2168.01
Valid to March 31, 2012

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.