



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AMALGATECH  
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Phoenix, AZ 85017  
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CHEMICAL

Valid To: March 31, 2022

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:

**Test:**

Ash  
Boiling Point  
Reserve Alkalinity  
Density  
% Water by Karl Fisher Method  
Freezing Point by Dry Ice (°F)  
pH of Coolant  
Corrosion Test  
Effect on Auto Finishes  
Simulated Service Corrosion Testing  
Pump Cavitation Corrosion  
Field Test Determination of Freezing Point (°F)  
Trace Chloride  
Corrosion of Cast Aluminum Alloys  
Foam by Air Permeation  
Anions by Ion Chromatograph  
Elements by ICP  
(Al, B, Ca, Cu, Fe, K, Mg, Mo, Na, Pb, Si, Zn)  
DEF Density at 20°C  
DEF Refractive index at 20°C  
DEF Alkalinity as NH<sub>3</sub>  
DEF Biuret  
DEF Aldehydes  
DEF Insoluble matter  
DEF Phosphate (PO<sub>4</sub>)  
DEF Metals (Al, Ca, Cr, Cu, Fe, K, Mg, Na, Ni, Zn)  
DEF Identity

**Test Method:**

ASTM D1119  
ASTM D1120  
ASTM D1121  
ASTM D5931  
ASTM D1123 (Method A)  
ASTM D1177  
ASTM D1287  
ASTM D1384  
ASTM D1882  
ASTM D2570  
ASTM D2809  
ASTM D3321  
ASTM D3634  
ASTM D4340  
ASTM D1881  
ASTM D5827  
ASTM D6130  
  
ISO 12185  
ISO 22241-2 Annex C  
ISO 22241-2 Annex D  
ISO 22241-2 Annex E  
ISO 22241-2 Annex F  
ISO 22241-2 Annex G  
ISO 22241-2 Annex H  
ISO 22241-2 Annex I  
ISO 22241-2 Annex J



# 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 17025:2017 *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 April 2017).



Presented this 27<sup>th</sup> day of January 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2168.01  
Valid to March 31, 2022

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