



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AMALGATECH
2965 W. Osborn Rd.
Phoenix, AZ 85017
Melanie Trevino Phone: 602 252 0280

CHEMICAL

Valid To: March 31, 2020

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 Shaking
Foam by Air Permeation
Anions by Ion Chromatograph
Elements by ICP
(Al, B, Ca, Cu, Fe, K, Mg, Mo, Na, Pb, Si, Zn)
DEF Urea content
DEF Density at 20°C
DEF Refractive index at 20°C
DEF Alkalinity as NH₃
DEF Biuret
DEF Aldehydes
DEF Insoluble matter
DEF Phosphate (PO₄)
DEF Metals (Al, Ca, Cr, Cu, Fe, K, Mg, Na, Ni, Zn)
DEF Identity

Test Method:

ASTM D1119
ASTM D1120
ASTM D1121
ASTM D1122
ASTM D1123 (Method A)
ASTM D1177
ASTM D1287
ASTM D1384
ASTM D1882
ASTM D2570
ASTM D2809
ASTM D3321
ASTM D3634
ASTM D4340
ASTM D4921
ASTM D1881
ASTM D5827
ASTM D6130

ISO 22241-2 Annex C
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 17025:2005 *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 April 2017*).



Presented this 14th day of June 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2168.01
Valid to March 31, 2020

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