



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

RTI LABORATORIES, INC.  
33080 Industrial Road  
Livonia, MI 48150  
Lloyd Kaufman Phone: 734 422 8000 ext. 109

CHEMICAL

Valid To: October 31, 2022

Certificate Number: 0570.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above as well as the satellite laboratory location listed below to perform the following tests on fasteners, metals, and alloys:

<b>Test Parameter</b>	<b>Test Methods</b>
Cleanliness Level And Characterization by Microscopic Methods	ISO 4407, 16232-7
Cleanliness Level by Gravimetric Analysis	ISO 4405, 16232-6
Cleanliness Level of Fluids by Light Scatter Detection	ISO 4406, 16232-9
Cleanliness Preparation and Expression	ISO 16232-2, -3, -4, -10
FTIR	ASTM E334, E1252
ICP-OES (Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, P, K, Se, Si, Ag, Na, Sr, Sn, Ti, V, Zn)	ASTM D5185, E1613
Loss on Drying by Thermogravimetry	ASTM E1868, SCAQMD Rule 1144
Measurement of Copper and other Elements in Brake Friction Materials	SAR J2975-2011, -2013
OES (Carbon Steel) (C, Cu, Cr, Mn, Mo, Ni, P, S, W, Co, V, Al, and Si)	ASTM E415, ISO-14707
Viscosity	ASTM D445
VOC Content	EPA Method 24, ASTM D2369
Water Content	ASTM D4017, D4377, D4928, E1064



# Accredited Laboratory

A2LA has accredited

**RTI LABORATORIES, INC.**

*Livonia, MI*

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 2021.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 570.02  
Valid to October 31, 2022

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