Address: 5202 Presidents Court, Suite 220 / Frederick, MD 21703-8398 / Phone: 301-644-3248 / Fax: 240-454-9448 / www.a2l

Test Type	Test Parameters	Test Method/Standard
Temperature Capability with Humidity[1]	(-65 to 175) ºC (20 to 95) %RH	FCA CS.00056 sections 5.3.6, 5.3.7; Ford CEPT:00:00-E-412 sections 5.8, 5.20 ; GMW 3172[2] sections 9.4.5, 9.4.6; GMW 3191 section 4.4.3, 4.4.4; USCAR-2 section 5.6.2; USCAR-21 section 4.5.4;

Test Type	Test Parameters	Test Method/Standard
Water Spray[1]		DIN 40050-9e; FCA CS.00056 section 5.5.3; Ford CEPT:00:00-E-412 section 5.9; GMW 3172[2] section 9.5.2; GMW 3191 section 4.4.11; USCAR-2 section 5.6.74; IEC 60529; ISO 16750-4; JIS D0203; ISO 20653 except 4K Method 3 except swivel nozzle Method 4 except swivel nozzle
Water Immersion[1]	Submersion to 48 inches Air Temperature (-65 to 175) ºC Fluid Temperature (0 to 35) ºC	DIN 40050-9e; FCA CS.00056 section 5.5.3; FCA CS.00056 section 5.5.4; Ford CEPT:00:00-E-412 section 5.9; GMW 3172[2] section 9.5.3; GMW 3191 section 4.4.9; USCAR-2 section 5.6.5; IEC 60529; ISO 16750-4; JIS D0203
Mud Resistance	Submersion to 12 inches (-65 to 175) ºC	FCA CS.00056 section 5.5.2
Chemical Exposure/Resistance[1]		FCA CS.00056; Ford CETP 00.002

Test Type	Test Parameters	Test Method/Standard
		ISO 9227; GMW3286; IEC 60068-2-52

[1]Also using customer specifications directly related to the types of tests and parameters listed.

[2] This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn including but not limited to GMW 3172 (2008, 2010, 2012, 2015,2018)

Accredited Mechanical 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 25th day of July 2024.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1123.03
Valid to May 31, 2026

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