



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Sterling Performance

54392 Pontiac Trail
 Milford, MI 48381
 Dominic Petitta
 248-685-7811

TESTING

Valid to: **November 12, 2021**

Certificate Number: **L2063-1**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile (Up to 10 000) lb (-40 to 150) °C	ASTM D 638 Customer Supplied Method	Metals, Alloys, Fuel Systems and Fuel Systems Components	Tensile Machine
Environmental Simulation (-40 to 177) °C (20 to 95)% RH	Customer Supplied Method	Fuel Systems and Components	Environmental Chamber
Thermal Shock (-40 to 150) °C	Customer Supplied Method	Fuel Systems and Components	Two (2) or Three (3) Zone Environmental Chamber
Permeation (up to 10 000) ppm (10 to 70) °C	Customer Supplied Method	Fuel Systems and Components	Multiple Flame Ionization Detectors
Pressure (up to 10 000) psig	Customer Supplied Method	Fuel Systems and Components	Transducers
Vacuum (-29 to 0) in Hg	Customer Supplied Method	Fuel Systems and Components	Transducers
Helium Leak Testing (2 x 10 ⁻⁹ to 1 x 10 ⁻³) cc/sec	Customer Supplied Method	Fuel Systems and Components	Leak Standard
Chemical Resistance (Qualitative)	Customer Supplied Methods	Metals, Rubbers, Plastics, Fuel systems and a Broad Range of Other Types of Components	Various – Electrical, Visual Evaluation
Liquid Flow (0.264 to 60) gpm	Customer Supplied Methods	Metals, Rubbers, Plastics, Fuel systems and a Broad Range of Other Types of Components	Flow Meters



Electrical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Electrical Voltage Measurement (AC and DC)	Customer Supplied Methods	Metals, Rubbers, Plastics, Fuel systems and a Broad Range of Other Types of Components	Data Acquisition

Vibration

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Vibration Single Axis (up to 3 000) Hz (up to 75) g (up to 2) in (-40 to 177) °C	Customer Supplied Methods	Metals, Rubbers, Plastics, Fuel systems, Automotive, Marine, Off Road Components.	Accelerometers
Mechanical Shock (up to 100) g	Customer Supplied Methods	Metals, Rubbers, Plastics, Fuel systems, Automotive, Marine, Off Road Components.	Accelerometers

Note:

1. This laboratory offers commercial testing service.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2063-1.