



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

AVO Diagnostic Services
110, 7304 30th Street S.E.
Calgary, AB T2C 1W2

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 06 May 2024

Certificate Number: L2303.01



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AVO Diagnostic Services

110, 7304 30th Street S.E.
Calgary, AB T2C 1W2

Robert Belfroy
403-203-0550

TESTING

Valid to: **May 6, 2024**

Certificate Number: **L2303.01**

Chemical

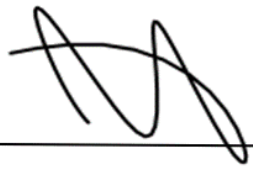
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Dielectric Breakdown	ASTM D1816	High voltage fluid	VDE Electrodes
Dielectric Breakdown	ASTM D877	High voltage fluid	Disk Electrodes
Relative Density	ASTM D4052	High voltage fluid	Density meter
Acid Number	ASTM D974	High voltage fluid	Titration
Visual Examination	ASTM D1524	High voltage fluid	Visual Only
ASTM Color of Petroleum Products	ASTM D1500	High voltage fluid	ASTM Color Scale
Dissolved Moisture Content	ASTM D1533	High voltage fluid	Coulometric Karl Fischer
Interfacial Tension	ASTM D971	Mineral and Ester Fluids	Tensiometer
Power Factor (Dissipation Factor) at 25°C to 100° C	ASTM D924	High voltage fluid - Over 25°C does not apply to Perchloroethylene or Askarel fluids.	Tan delta and resistivity tester
Dissolved Gas Analysis	ASTM D3612C	High voltage fluid	GC – FID/TCD

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
PCB Analysis	ASTM D4059 EPA 8082A-Mod	High voltage fluid	GC-ECD
Oxidation Inhibitor Content	ASTM D2668	High voltage fluid	FTIR

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2303.01.
2. AVO Diagnostic Services Canada Limited dba AVO Diagnostic Services



Jason Stine, Vice President

