



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3822
Laboratory Name: Fluid Life Ltd. - Bloomington Laboratory
Parent Institution: The Fluid Life Corporation
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Standard: Conforms with requirements of ISO/IEC 17025
Clients Served:
Revised On: July 27, 2017
Valid To: January 25, 2020

Scope of Accreditation

Oil (Inorganic)

Acid Number - Oil (005)
LAB-008; modified from ASTM D664
AUTO TITRIMETRIC
Acid Number

Oil (Inorganic)

Base Number - Oil (006)
LAB-044; modified from ASTM D4739
AUTO TITRIMETRIC
Base Number

Oil (Inorganic)

Glycols - Oil (011)
LAB-017; modified from ASTM D7922
GC/FID
Ethylene glycol
Propylene glycol

Oil (Inorganic)

Kinematic Viscosity (Auto) - Oil (003)
LAB-011, LAB-012; IN-HOUSE
AUTO-VISCOMETER
Viscosity at 100 degrees C
Viscosity at 40 degrees C

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at http://www.cala.ca/cala_directories.html

Oil (Inorganic)

Kinematic Viscosity (Manual Bath) - Oil (002)

LAB-027; modified from ASTM D445

MANUAL BATH

Viscosity at 100 degrees C

Viscosity at 40 degrees C

Oil (Inorganic)

Metals - Oil (008)

LAB-029; modified from ASTM D5185

ICP/AES

Aluminum

Antimony

Barium

Beryllium

Boron

Cadmium

Calcium

Chromium

Copper

Iron

Lead

Lithium

Magnesium

Manganese

Molybdenum

Nickel

Phosphorus

Potassium

Silicon

Silver

Sodium

Tin

Titanium

Vanadium

Zinc

Oil (Inorganic)

Nitration, Oxidation, Sulphation and Soot - Oil (001)

LAB-030; modified from ASTM E2412

FTIR

Nitration

Oxidation

Soot (%) Loading

Sulphation

Oil (Inorganic)

Optical Particle Count - Oil (012)

LAB-015; IN-HOUSE and ISO 4406 for Reporting

SPECTRO PARTICLE COUNTER

Particle Count at 4, 6, 14 microns

Oil (Inorganic)

Particle Count - Oil (009)

LAB-001; modified from ISO 11500 PROCEDURE and ISO 4406 COUNTING

HIAC PARTICLE COUNTER

Particle Count 4, 6 and 14 microns

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Oil (Inorganic)

Water Content - Oil (004)

LAB-018; modified from ASTM D6304

KARL FISCHER AUTO TITRIMETRIC

Water Content

Oil (Inorganic)

Water Content - Oil (007)

LAB-009; IN-HOUSE and "THE VISUAL CRACKLE" PRACTICING OIL ANALYSIS MAGAZINE SEPT 1998

CRACKLE USING HOT PLATE

Crackle

Oil (Organic)

Fuels - Oil (010)

LAB-017; modified from ASTM D7593

GC/FID

Fuels

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