



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 - Oil (002)
LAB-027; modified from ASTM D445
MANUAL BATH
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 - Oil (003)
LAB-011, LAB-012; IN-HOUSE
AUTO-VISCOMETER
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 and Oxidation and 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; modified from IN-HOUSE and ISO 4406
SPECTRO PARTICLE COUNTER
Particle Count at 4, 6, 14 microns

Oil (Inorganic)

Particle Count - Oil (009)
LAB-001; modified from ISO 11500 and ISO 4406
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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