



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Dielex Lab

**634-A, Chemin des Vieux-Moulins
Saint-Jean-sur-Richelieu, QC Canada J2Y 1C5**

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-2521

Certificate Number



ANAB Approval

Certificate Valid: 01/26/2018-11/16/2019
Version No. 002 Issued: 01/26/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 17025:2005

Dielex Lab

634-A, Chemin des Vieux-Moulins
 Saint-Jean-sur-Richelieu
 QC, Canada J2Y 1C5
 Marc Cyr Telephone (450) 741-7007
mcyr@hivolab.ca www.hivolab.ca

TESTING

Valid to: **November 16, 2019**

Certificate Number: **AT-2521**

Chemical

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|---|---|------------------------------------|
| Power Factor | ASTM D924 | Dielectric Fluid | Power Factor Instrument |
| Interfacial Tension | ASTM D971 | Dielectric Fluid | Tensiometer |
| Total Acid Number | ASTM D974 | Dielectric Fluid | Acid-Base Titration |
| Specific Gravity | ASTM D1298 | Dielectric Fluid | Hydrometer |
| Color of Petroleum Products | ASTM D1500 | Dielectric Fluid | ASTM Color Scale |
| Visual Examination | ASTM D1524 | Dielectric Fluid | Visual Examination |
| Moisture by Karl-Fisher Titration | ASTM D1533 | Dielectric Fluid | Karl Fisher Titrator |
| Dielectric Measurement Dielectric Breakdown | ASTM D1816 | Dielectric Fluid | VDE Electrode |

Chemical

| Specific Tests and/or Properties Measured | Specification, Standard, Method, or Test Technique | Items, Materials or Product Tested | Key Equipment or Technology |
|--|---|---|------------------------------------|
| Dissolved Gas Analysis | ASTM D3612 | Dielectric Fluid | Gas Chromatograph (GC) |
| PCB in Oil | ASTM D4059 | Dielectric Fluid | Gas Chromatograph (GC) |
| Inhibitors Content | ASTM D2668 | Dielectric Fluid | FTIR |

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2521.




Vice President

