



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

Predictive Maintenance Corporation-Tribologik
6980 Chemin Cote-De-Liesse, Montreal, QC H4T 1Y5

*and hereby declares that the Organization is accredited in accordance with
the recognized International Standard:*

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Chemical Testing
(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Initial Accreditation Date:

Issue Date:

Expiration Date:

May 14, 2012

January 30, 2026

March 31, 2028

Accreditation No.:

Certificate No.:

73353

L26-70-1

Tracy Szerszen
President

*The validity of this certificate is maintained through ongoing assessments based
on a continuous accreditation cycle. The validity of this certificate should be
confirmed through the PJLA website: www.pjlab.com*

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084



Certificate of Accreditation: Supplement

Predictive Maintenance Corporation-Tribologik

6980 Chemin Cote-De-Liesse, Montreal, QC H4T 1Y5

Contact Name: Moussa Zidoune Phone: 514-383-6330

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Lubricant, Cooling Liquids, Other Relevant Liquid	Additive Elements, Contamination	ASTM D5185	ICP	F1, F2	F
Chemical	Lubricant, Cooling Liquids and Other Relevant Liquid	Silicon	ASTM D6130	ICP	F1, F2	F
Chemical	Cooling Liquids	Anions: Chloride, Fluoride, Nitrite, Nitrate, Phosphate, Sulfate, Formate, Glycolate	ASTM D5827	IC	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	pH	ASTM D1287	PH	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	Freeze Protection	ASTM D3321	Freeze Protection	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	Ethylene Glycol %	In house method (ID#01)	Refractometer Tester	F1, F4	F
Chemical	Lubricant, Cooling Liquids, Fuel	Glycol Detection In Oil	ASTM D2982	Glassware Accessories	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	Total Base Number	ASTM D4739, ASTM D2896	TBN	F1, F2	F



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Chemical	Lubricant, Cooling Liquids, Fuel	Total Acid Number	ASTM D664, ASTM D974	TAN	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	Viscosity Index	ASTM D2270	Calculation from Vis40 & Vis100 C	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	Kinematic Viscosity	ASTM D445	Viscometer	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	Infra-Red	ASTM E2412	IR (FTIR)	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	TDS	Total Dissolved Solids	Calculation	F1, F4	F
Chemical	Lubricant, Cooling Liquids, Fuel	Conductivity	In House method (ID #02)	Conductivity meter	F1, F4	F
Chemical	Oil and Grease	Water in Oil	In House Method (ID#03)	Hot Plate	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Other Relevant Liquid	Flash Point	ASTM D3828	Seta Flash Point tester	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Other Relevant Liquid	Density	ASTM D1298 ASTM D4052	Densimeter & Hydrometer	F1, F2	F
Chemical	Lubricant and Fuel	Particle Count	NAS 1638, ISO 4406	Particle Count	F1, F4	F
Chemical	Oil and Fuel	Cloud Point Pour Point	ASTM D2500 ASTM D97	Cloud Point, Pour Point	F1, F2	F
Chemical	Oil and Fuel	Water by Karl Fisher	ASTM D6304 ASTM D1744	Coulometric, Volumetric Methods	F1, F2	F



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Chemical	Oil and Gease	Particle Quantifier	ASTM D8184	Particle Quantifier, Index	F1, F4	F
Chemical	Grease	Ferrous debris monitoring	In House method (ID #04)	Particle in Grease, ppm	F1, F4	F
Chemical	Lubricant and Fuel	Flash point and fuel	ASTM D93, ASTM D6450	Flash Point	F1, F2	F
Chemical	Fuel	Distillation Petroleum	ASTM D86	Distillation	F1, F2	F
Chemical	Fuel	Cetane Index	ASTM D4737, ASTM D976	Cetane Index/Calculation	F1, F2	F
Chemical	Lubricant, Cooling Liquids, Fuel	Copper Corrosion	ASTM D130	Copper Corrosion	F1, F2	F
Chemical	Lubricant and Grease	Remaining Useful Life Evaluation Routine (RULER™) Number	ASTM D6971, ASTM D6810	Linear Sweep Voltammetry (LSV)	F1, F2	F
Chemical	Cooling Liquids	Boiling Point (coolant)	ASTM D1120	Calculation	F1, F2	F
Chemical	Cooling Liquids	Reserve Alkalinity	ASTM D1121	Titration	F1, F2	F
Chemical	Oil	Diesel Fuel in Used Engine Oils	ASTM D3524	Gas Chromatograph (GC)	F1, F2	F
Chemical	Transformer Oil	Corrosive sulfur in electrical insulating liquids	ASTM D1275	Corrosion Tester	F1, F2	F
Chemical	Transformer Oil	Dibenzylsulfide (DBDS)	IEC 62697	Gas Chromatograph	F1, F2	F
Chemical	Transformer Oil	Dielectric Breakdown volt	ASTM D 1816	Resistivity meter	F1, F2	F
Chemical	Transformer Oil	Dissipation factor @ 25 &100C	ASTM D924	DP Tester	F1, F2	F
Chemical	Transformer Oil	Interfacial tension	ASTM D971	Interfacial tension (KV)	F1, F2	F
Chemical	Oil and Fuel	Sulfur Content	ASTM D4294	X-ray Diffraction (XRD)	F1, F2	F
Chemical	Oil and Fuel	Color of the Fuel	ASTM D1500	Colorimeter	F1, F2	F



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Chemical	Lubricant, Cooling Liquids, Fuel	Water and Sediment	ASTM D2709	Centrifuge	F1, F2	F
Chemical	Oil	Varnish Potential	ASTM D7843	Membrane Patch Colorimetry (MPC)	F1, F2	F
Chemical	Cooling Liquid	Adipic acid, Benzoic Acid, BZT, TTZ, Sebasic Acid, MBT, P-Toluic Acid, 2-EH, 4-tert Butylbenzoic Acid	ASTM D8567	HPLC	F1, F2	F
Chemical	Aviation Fuel, Distillate Fuel	Particulate Contamination	ASTM D5452, ASTM D6217	Particulate Matter	F1, F2	F

1. Location of activity:

Location

F

Location

Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:

F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.

F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope

F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope

F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope

F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope

F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope

3. This is the primary site for all quality management system activities.