



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

AGT Petroleum Labs
1643 Federal Road, Houston, TX 77015

*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:

September 25, 2022

April 07, 2025

April 07, 2027

Accreditation No.:

Certificate No.:

118590

L25-276

Tracy Szerszen
President

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

*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.pjlabs.com*



Certificate of Accreditation: Supplement

AGT Petroleum Labs

1643 Federal Road, Houston, TX 77015

Contact Name: Almera Rosario Phone: 713-453-6060

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	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer, and Related Products	ASTM D1613	Potentiometric Titration	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Analysis of Natural Gas	ASTM 1945	GC_FID_TCD	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Analysis of Reformed Gas	ASTM 1946	GC_FID_TCD	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Density, Relative Density, and API Gravity of Crude Oils	ASTM D5002	Digital Density Meter	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Appearance of Admixtures Containing Halogenated Organic Solvents	ASTM D3741	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Ramsbottom Carbon Residue of Petroleum Products	ASTM D524	Gravimetric	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Analysis of Methanol	ASTM E346	GCFID	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Chemical Analysis of Caustic Soda and Caustic Potash (Sodium Hydroxide and Potassium Hydroxide)	ASTM E291	Titration	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Color of Clear Liquids (Platinum-Cobalt Scale)	ASTM D1209	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Color of Petroleum Products by the Automatic Tristimulus Method	ASTM D6045	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Electrical Conductivity of Aviation and Distillate Fuels	ASTM D2624	Conductivity Meter	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Copper Strip Corrosion by Industrial Aromatic Hydrocarbons	ASTM D849	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Determination of corrosiveness to copper of lubricating grease	IP 112	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Corrosiveness to Copper from Petroleum Products by Copper Strip Test	ASTM D130	Visual	F1, F2	F



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Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Copper Strip Corrosion by Liquefied Petroleum (LP) Gases	ASTM D1838	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Detailed Analysis of Petroleum Naphthas through n-Nonane	ASTM D8150	GCFID	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Electrical Conductivity and Resistivity of Water	ASTM D 1125	Conductivity Meter	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Determination of Ethanol and Methanol Content in Fuels Containing Greater than 20 % Ethanol	ASTM D5501	GCFID	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Gum Content in Fuels by Jet Evaporation	ASTM 381	Gravimetric	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Free Water and Particulate Contamination in Distillate Fuels	ASTM D4176	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Determination of Hydrocarbons in Liquefied Petroleum (LP) Gases and Propane/Propene Mixtures	ASTM D2163	GCFID	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Measurement of Hydrogen Sulfide in the Vapor Phase Above Residual Fuel Oils	ASTM D5705	Length-of-Stain Detector Tubes	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Ethanol as a blending component for petrol - Determination of higher alcohols, methanol and volatile impurities	EN15721	GCFID	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Determination of Methanol Content in Biodiesel	EN 14110	GCFID	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Method for Sulfur Compounds in Light Petroleum Liquids	ASTM D5623	GCPFPD	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Methods for Nonvolatile Matter in Halogenated Organic Solvents and Their Admixtures	ASTM D2109	Gravimetric	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Nonvolatile Matter in Volatile Solvents for Use in Paint, Varnish, Lacquer, and Related Products	ASTM D1353	Gravimetric	F1, F2	F



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Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Odor of Volatile Solvents and Diluents	ASTM D1296	Manual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Determination of MTBE, ETBE, TAME, DIPE, tertiary-Amyl Alcohol and C1 to C4 Alcohols in Gasoline	ASTM D4815	GCMS	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Permanganate Time of Acetone and Methanol	ASTM D-1363	Visual	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	pH of Engine Coolants and Antirusts	ASTM D1287	pH Meter	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Determination of pH of Denatured Fuel Ethanol and Ethanol Fuel Blends	ASTM D6423	pH Meter	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Refractive Index and Refractive Dispersion of Hydrocarbon Liquids	ASTM D1218	RefractoMeter	F1, F2	F
Chemical	Diesel, Lubricants, Fuel Oils, Hydrocarbon products and wastes	Determination of Existent and Potential Inorganic Sulfate and Total Inorganic Chloride in Fuel Ethanol	ASTM D7328	IC Conductivity	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