



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Bureau Veritas
3401 Jack Northrop Avenue
Hawthorne, CA 90250

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

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

TESTING

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

L2264.01

Certificate Number


ANAB Approval

Certificate Valid Through: 12/23/2022
Version No. 003 Issued: 12/17/2019



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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 17025:2017

Bureau Veritas
 3401 Jack Northrop Avenue
 Hawthorne, CA 90250
 Saïd Fakhouri
 310-219-5000

TESTING

Valid to: **December 23, 2022**

Certificate Number: **L2264.01**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Metals by ICP	ASTM D5185 Mod	Petroleum Products	ICP
Density/Specific Gravity/API	ASTM D1298	Petroleum Products	Hydrometer
Fuel Dilution, Diesel	ASTM D7593	Oil	GC
Fuel Dilution, Gasoline	ASTM D7593	Oil	GC
FTIR	OCM-FTIR	Petroleum Products	FTIR
Freeze Pt of Coolants	ASTM D3321-Mod	Coolant	Refractometer
Neutralization Number, Acid	ASTM D664 Mod	Petroleum Products	Manual Titration
Neutralization Number, Acid – Color Indicator Titration	ASTM D974 Mod	Petroleum Products	Manual Titration
Neutralization Number, Base	ASTM D4739 Mod	Petroleum Products	Manual Titration
pH of Coolants	ASTM D1287	Coolant	pH Meter
Viscosity Index	ASTM D2270	Petroleum Products	Calculation Method
Viscosity, Centistokes	ASTM D7279 Mod	Any Fluid	Houillon Viscometer
Viscosity, SUS (Calculated)	ASTM D2161	Petroleum Products	Calculation
Water, Crackle Test	OCM- Water by Hotplate	Oil	Hotplate
Water, Karl Fischer	ASTM D6304	Any fluid	KF Titrator
Glycol Determination	OCM – BP Glycol	Crankcase Oils	Wet Chemistry

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Soot by Wilks Meter	OCM -Method	Oil	Soot Meter
Reserve Alkalinity	ASTM D1121	Coolant	Titration
Additives Elements and Wear Metals Contaminants	ASTM D6130 Mod	Coolant	ICP

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2264.01.



Vice President

