



# CERTIFICATE OF ACCREDITATION

## ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

**Bureau Veritas**  
**12715 Royal Drive**  
**Stafford, TX 77477**

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

L2264.04

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
12715 Royal Drive
Stafford, TX 77477
Jennifer Anweiler
281-240-3042

TESTING

Valid to: December 23, 2022

Certificate Number: L2264.04

Chemical

Table with 4 columns: Specific Tests and/or Properties Measured, Specification, Standard, Method, or Test Technique, Items, Materials or Product Tested, Key Equipment or Technology. Rows include tests like Accelerated Stability, Appearance, Distillate Fuels, Air Release, etc.

**Chemical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Flash Point, COC	ASTM D92	Oil	Automated Flash Point Unit
Flash Point, PMCC	ASTM D93	Any fluid	Automated Flash Point Unit
Foaming Characteristics	ASTM D892	Any fluid	Foam Unit
Fuel Dilution, Diesel	ASTM D7593	Oil	GC FID
Fuel Dilution, Gasoline	ASTM D7593	Oil	GC FID
Glycol, ASTM	ASTM D2982	Oil	Wet Chemistry
Gravity, API	ASTM D287	Any fluid	Hydrometer
FTIR	OCM - FTIR	Any fluid	FTIR
Micro-Organism Culture	OCM- Microorganisms	Any fluid	Slide
Neutralization Number, Acid	ASTM D664 Mod	Any fluid	Manual Titration
Neutralization Number, Acid-Color Indic. Titration	ASTM D974 Mod	Any fluid	Manual Titration
Neutralization Number, Base	ASTM D2896	Any fluid	Automated Titration
Base Number Determination (TBNN)	ASTM D4739	Any fluid	Automated Titration
Nitrite (PPM)	OCM - Nitrites	Coolant	Manual Titration
Particle Count (Automatic)	ASTM D7647	Any fluid	APC Unit
pH of Coolants	ASTM D1287	Coolant	pH Meter
Reserve Alkalinity of Engine Coolants	ASTM D1121	Coolant	Manual Titration
Rotating Pressure Vessel Oxidation Test (RPVOT) (RBOT)	ASTM D2272	Oil	RPVOT Bath
Viscosity	ASTM D7279 Mod	Oil	Houillon Viscometer
Water, Karl Fischer	ASTM D6304	Any fluid	KF Titrator
Water Separability	ASTM D1401	Petroleum products	Wet Chemistry
Varnish by Quantitative Spectrophotometric Analysis (QSA)	OCM PRL 011	Oil	Spectrophotometer

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Physical Properties of Coolant Samples	OCM – Physical Properties of Coolants	Coolant	Visual
Water, Crackle Test	OCM – Water by Hotplate	Oil	Hot plate
Glycol in Used Oil	OCM – BP Glycol	Oil	Wet Chemistry
Neutralization number, Base (TBN)	OCM - TBN	Any fluid	Manual Titration
Neutralization number, Base (TBNM)	ASTM D4739 Mod	Any fluid	Manual Titration
Freeze Point and Anti-Freeze Percentage for Coolants	ASTM D3321 Mod	Coolant	Refractometer
Additives Elements and Wear Metals Contaminants	ASTM D6130 Mod	Coolant	ICP
Chloride and Other Anions by IC	ASTM D5827 Mod	Coolant	IC

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2264.04



Vice President