



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

**Southwest Spectro-Chem Labs
1009 Louisiana
South Houston, TX 77587**

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.

L2334

Certificate Number



ANAB Approval

Certificate Valid: 09/27/2017-10/25/2018
Version No. 001 Issued: 09/27/2017



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

Southwest Spectro-Chem Labs

1009 Louisiana
 South Houston, TX 77587
 Peter Lau 713 944 3694

TESTING

Valid to: **October 25, 2018**

Certificate Number: **L2334**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Neutralization Number, Acid Color Indic. Titration	ASTM D974	Petroleum Products	
Color ASTM	ASTM D1500	Any Fluid	
Ferrography, Direct Read	SWSC-DR-III Mfg. Instructions	Petroleum Products	
Flash and Fire Point, COC	ASTM D92	Petroleum Products	
Particle Count (Pore Blockage)	SWSC-Particle Count by Pore Blockage	Petroleum Products	
Particle Count (Automatic)	ASTM D6786	Petroleum Products	
Metals and Contaminants by Rotating Disk Electrode Atomic Emission Spectrometry	ASTM D6595	Petroleum Products	
Metals and Contaminants by Inductively Coupled Plasma Atomic Emission Spectrometry	ASTM D5185	Petroleum Products	
Kinematic Viscosity	ASTM D445 M	Petroleum Products	
Viscosity Index	ASTM D2270	Petroleum Products	
Water, Karl Fischer	ASTM D6304	Petroleum Products	
Water Source	SWSC-330	Petroleum Products	

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total Base Number	SWSC-250	Petroleum Products	
Ruler	ASTM D6971	Petroleum Products	
pH	SM 4500 H+	Aqueous Solutions	
Chloride	Standard Methods 4500 – Cl Mercuric Nitrate Method	Aqueous Solutions	
Hardness	ASTM 5185 ICP	Aqueous Solutions	
Conductivity	SM2510	Aqueous Solutions	

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2334.



Vice President

