



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MRT LABORATORIES
305 Nebraska Street
South Houston, TX 77578
Sean Letard Phone: 713 944 8381
Sean.Letard@mrtlaboratories.com

CHEMICAL

Valid To: January 31, 2027

Certificate Number: 5663.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on in-use hydraulic fluids and lubricants:

Test	Test Method	Reference Method
Kinematic Viscosity at 40°C & 100°C	MRT L4.02	ASTM D7279, D445
Viscosity Index	MRT L4.61	ASTM D2270
Color of Petroleum Products	MRT L4.22	ASTM D1500
Flash Point by Continuously Closed Cup Tester	MRT L4.06	ASTM D6450
Acid Number by Color-Indicator Titration	MRT L4.03	ASTM D974 (modified)
Base Number by Color-Indicator Titration	MRT L4.63	ASTM D974 (modified)
Water in Petroleum Products, Lubricating Oils and Additives by Karl Fisher Titration	MRT L4.05	ASTM D6304 Methods A and B
Wear Metals and Contaminants in Used Lubricating Oils or Used Hydraulic Fluids by Rotating Disc Electrode Atomic Emission Spectrometry (Ag, Al, B, Ba, Ca, Cr, Cu, Fe, K, Mg, Mo, Na, Ni, P, Pb, Sb, Si, Sn, Ti, V, and Zn)	MRT L4.01	ASTM D6595
Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) (Ag, Al, B, Ba, Ca, Cr, Cu, Fe, K, Mg, Mo, Na, Ni, P, Pb, Sb, Si, Sn, Ti, V, and Zn)	MRT L4.11	ASTM D5185 (modified)

Test	Test Method	Reference Method
Fluid Particle Count	MRT L4.27	ISO 4406, ISO 11500; ASTM D7647
Condition Monitoring of Used Lubricants Using FTIR Spectrometry	MRT L4.21	ASTM E2412
Phenol and Amine Depletion	MRT L4.59	ASTM D6971



Accredited Laboratory

A2LA has accredited

MRT LABORATORIES

South Houston, TX

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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).



Presented this 18th day of February 2025.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5663.01
Valid to January 31, 2027

For the types of tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.