



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

U.S. ARMY –DEVCOM - GROUND VEHICLE SYSTEMS CENTER
ARMY PETROLEUM LABORATORY
5085 U Ave., Bldg 85
New Cumberland, PA 17070-5083
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CHEMICAL

Valid to: November 30, 2023

Certificate Number: 4367.09

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on jet fuel, lubricating oil, hydraulic fluid, greases, and antifreeze:

Test:

Test Method(s):

Flash Point	ASTM D56 (Automated); ASTM D92 (Automated);
Fire Point	ASTM D92
Distillation	ASTM D86; ASTM D1078
Copper Strip Corrosion	ASTM D130; ASTM D4048
Ash Content	ASTM D482; ASTM D874; ASTM D1119
Titration	ASTM D664; ASTM D3242
Calculated Cetane Index	ASTM D976; ASTM D4737
Density	ASTM D1298; ASTM D4052; ASTM D5931
Sulfur, Total	ASTM D5453
Fuel Electrical Conductivity	ASTM D2624
Fuel System Icing Inhibitor	ASTM D5006
Particulate Matter	ASTM D5452; ASTM D6217
Pour Point	ASTM D5949
Freeze Point	ASTM D7153
Color	ASTM D1500; ASTM D6045
Water Content	ASTM D6304 (Procedure A)
Penetration/Stability	ASTM D217; ASTM D1403
Rust Prevention	ASTM D1743; ASTM D1748
Evaporation Loss	ASTM D972; ASTM D2595; ASTM D5800 (Procedure B)
pH	ASTM D1287; ASTM D6423
Water Resistance	ASTM D1264
Oil Separation	ASTM D1742; ASTM D6184
Foam Test	ASTM D892
Corrosion and Oxidation Stability	ASTM D4636 (Procedure 2); FTM 5308
Gum	IP 540
Dropping Point	ASTM D566; ASTM D2265

(A2LA Cert. No. 4367.09) 12/01/2021

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Accredited Laboratory

A2LA has accredited

U.S. ARMY – DEVCOM – GROUND VEHICLE SYSTEMS CENTER – ARMY PETROLEUM LABORATORY

New Cumberland, PA

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 1st day of December 2021.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4367.09
Valid to November 30, 2023

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