

THE NEXT GENERATION IN OIL ANALYSIS

AnalysisPlus® makes oil analysis easier than ever. With testing options to meet your program needs, AnalysisPlus is your snapshot into the condition of both the lubricants you're using and the units you're monitoring. Identifying minor problems before they become major failures will save you money and unscheduled downtime and is a timely, cost-effective way for you to maximize equipment reliability and boost company profits.

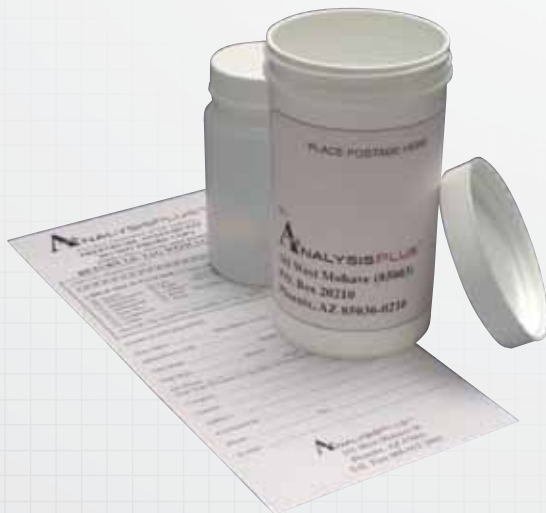
Basic AnalysisPlus test package includes:

- Fast, reliable results in a variety of formats
- Web-based reporting with basic data management tools

Premium AnalysisPlus test package includes:

- Fast, reliable results in a variety of formats
- Web-based reporting with extensive data management tools
- Oil analysis training, field service and support

AnalysisPlus has the flexibility you need to make your oil analysis program run smoothly. You can easily manage your oil analysis data to get the most for your oil analysis dollar. Start with AnalysisPlus today and start affecting change in your daily maintenance practices — changes that save you time and money.





AnalysisPlus[®] Laboratory Locations

Basic Testing

Lab One
Phoenix, Arizona

1.866.652.2663

POLARIS Laboratories
Duluth, Georgia
Houston, Texas
Indianapolis, Indiana
Salt Lake City, Utah

1.866.341.4396

Premium Testing

ALS Tribology
Atlanta, Georgia
Cleveland, Ohio
Kansas City, Kansas
Phoenix, Arizona
Portland, Oregon
Sparks, Nevada

Burlington, Ontario
Edmonton, Alberta

1.877.645.5221

ANA Laboratories, Inc.
Bellmawr, New Jersey

1.800.648.2625

For more information regarding oil analysis, visit www.analysisplus.net



A+ ANALYSIS PLUS[®]



A+ ANALYSIS PLUS[®] GIVES YOU THE ADVANTAGE

Today's operators demand the most from their equipment; having a "well-oiled" machine is imperative. Implementing an oil analysis system can help minimize equipment downtime by providing the following benefits:

- Maximizing equipment efficiency and engine durability
- Extending equipment life
- Decreasing maintenance expenses by extending component life
- Illustrating extended drain capabilities
- Detecting engine trouble in its earliest stages
- Helping the operation make informed maintenance decisions by providing equipment history
- Links to the most commonly used CMMS

In addition, several options are available for testing metalworking fluids — making AnalysisPlus your total solution.

Suggested Sampling Intervals by Application

OIL SAMPLING INTERVALS	
Component	Interval
Engine	Every 250 Hours
Transmission	Every 500 Hours
Differentials	Every 1,000 Hours
Planetary	Every 1,000 Hours
Hydraulics	Every 1,000 Hours



AnalysisPlus® Test Packages

Key Tests	Automotive (PCMO/ATF/Gear)		Heavy-Duty Diesel Engine Oil		Industrial & Natural Gas		Industrial with Particle Count	
	Basic	Premium	Basic	Premium	Basic	Premium	Basic	Premium
Elemental Metals (wear, contaminant, additive, multi-source) ASTM D6595	●	●	●	●	●	●	●	●
Water Content	●	● ¹	●	●	● ¹	● ¹	● ¹	● ¹
Viscosity @ 40°C – ASTM D445							●	●
Viscosity @ 100°C – ASTM D445	● (or 40°C)	● (or 40°C)	●	●	● (or 40°C)	● (or 40°C)		
Fuel Dilution – % Volume	●	●	●	●				
Fuel Dilution – % Volume by Gas Chromatograph				OPTIONAL ²				
Fuel Soot – % Volume by FTIR/Wilks			●	●				
Oxidation by FTIR			●	●	●	●	●	●
Nitration by FTIR			●	●	●	●		
Acid Number – ASTM D664					●	●	●	●
Base Number – ASTM D4739			●	●		OPTIONAL ²		
Glycol	●	●	●	●				
Particle – ISO 4406:1999							●	●
Water Separability – ASTM D1401							OPTIONAL ²	OPTIONAL ²
Foam Test – ASTM D892							OPTIONAL ²	OPTIONAL ²
Oxidation Test (RPVOT) – ASTM D2272							OPTIONAL ²	OPTIONAL ²

¹ If positive by Crackle Test, run Karl Fischer test.

² OPTIONAL: Additional cost for this test.

NOTE: Several options are available for testing metalworking fluids. Contact a Premium laboratory for more details.

Available Management Reports & Features Include:

- Condition History Report
- Chronic Alarm Report
- Delinquent Samples Report
- Fluid Age and Condition Report
- Component Watch
- Transit Time
- Condition Analysis Report
- Equipment Comparison

AnalysisPlus® Test Package Benefits

Level of Service	Basic Test Package	Premium Test Package
Results via email or Internet	●	●
Competitive industry pricing	●	●
ASTM test methods	●	●
Historical data transfer availability	●	●
Series of management report options	● (basic tools)	● (extensive tools)
CMMS compatible	●	●
Order test kits online	●	●
Choice of laboratories		●
Advanced testing for industrial, turbine & metalworking samples		●
Training, field service & support		●

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2 OPTIONAL: Additional cost for this test.

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How to Get Started

To enroll in the AnalysisPlus program, first determine if a Basic or Premium test package is better suited to your needs. To set up an account, contact the appropriate laboratory using the toll-free numbers provided. Visit www.analysisplus.net for more information.

Basic Oil Analysis:

Lab One 1.866.652.2663

Premium Oil Analysis:

POLARIS Laboratories 1.866.341.4396

ALS Tribology 1.877.645.5221

ANA Laboratories, Inc. 1.800.648.2625

For questions regarding your results or recommendations, orders or invoicing, please call your AnalysisPlus laboratory to speak with a customer service representative.