

# WHAT DOES FUEL ANALYSIS REALLY TELL YOU?

Ohio **CAT**

OHIOCAT.COM

Fuel quality can be a key indicator of the overall health of your system. And poor-quality fuel can affect how your equipment performs – from abnormal wear of components, valves, valve guides, piston rings and more. Beyond performance, equipment owners are increasingly realizing the value of regular fuel analysis when it comes to meeting emissions requirements. With that said, what does fuel analysis really tell you about what you are putting in your tank?

Ohio Machinery Co. offers three levels of Fuel Analysis. Whether you require a basic test or a more comprehensive report that meets governmental regulations, we have you covered. In addition to accurate reporting, our team provides actionable, expert analysis that you can count on.

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## Level 1 Vital

The Level 1 fuel test package is designed to provide you with the bare essentials of your fuel condition while including other important fuel parameters. It answers questions about your fuel, bacterial fungal contamination, water content, flash-point, particle count, percent biofuel content and sulfur levels. If you are curious about fuel maintenance, or simply want to ensure your tanks are safe, the Level 1 service is right for you.

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## Level 2 Advanced

Our Level 2 service is all about performance. More than just the critical information you need to keep your tanks functioning properly, our Level 2 service will explain the environmental characteristics of your fuel and help you understand how to get the most from it. The Level 2 service will provide a thorough analysis and interpretation of your fuel and help take your fuel maintenance program to the next level.



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## Level 3 Comprehensive

The Level 3 fuel test is the most complete fuel analysis offered here at Ohio Machinery Co. The comprehensive fuel test covers all areas including health, contamination, and performance of the fuel being used in your machine. In addition to every aspect tested in level 1 and 2, the level 3 includes: kinetic viscosity, particle quantifier, pH of present free water, pour point, and simulated cold filter plug. If you want to have the most detailed understanding of your fuel, level 3 comprehensive is the best option.

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## Miscellaneous Single Analysis

We are able to offer additional Fuel Analysis to ensure a complete, detailed analysis of your fuel. From health performance to contamination, various analyses cover it all with clear, meticulous documentation. Whether you need all-inclusive fuel reports for auditing purposes or simply want to make sure you have the most complete understanding of your tanks, we offer a variety of additional testing for you to ensure all of your questions are asked.

# INCLUDED SERVICES

Pricing effective January 2025 and is subject to change.

FUEL TESTING SERVICES	LEVEL 1 VITAL	LEVEL 2 ADVANCED	LEVEL 3 COMPREHENSIVE	MISC SINGLE ANALYSIS
Required Sample Amount	<b>4 OZ</b>	<b>16 OZ</b>	<b>16 OZ</b>	<b>4 OZ</b>
Dissolved Water by K.F.	X	X	X	
Flash Point	X	X	X	X
Particle Count	X	X	X	
Picture Visual	X	X	X	
Sulfur	X	X	X	X
Appearance	X	X	X	
Microbial Growth	X	X	X	
Wear Metals	X	X	X	
Sediment & Water		X	X	
API Gravity		X	X	
Cetane Index		X	X	X
Cloud Point		X	X	X
Pour Point		X	X	X
Distillation, 10% Recovery		X	X	
Distillation, 50% Recovery		X	X	
Distillation, 90% Recovery		X	X	
Distillation, End Point		X	X	
Distillation, IBP		X	X	
Kinetic Viscosity			X	
Particle Quantifier			X	
pH of Present Free Water			X	
Simulated Cold Filter Plug			X	
BioDiesel Percentage				X
<b>PART NUMBERS &amp; PRICE PER SAMPLE</b>	<b>Fuel Sample</b>	<b>Fuel Sample 2</b>	<b>Fuel Sample 3</b>	<b>Fuel Sample M**</b>
	\$98.80 per sample	\$303.30 per sample	\$438.10 per sample	\$50.86 per sample
	<b>Fuel Sample S*</b>	Ohio Machinery Co. Fluid Analysis Lab also offers a gasoline in diesel test.		<b>Fuel SampleGND</b>
	\$83.96 per sample			\$101.10 per sample

\*Level 1 Fuel Sample S without mailer - **Lab Drop-Off or Shuttle ONLY.**

\*\*Fuel Sample M is a single fuel test kit. Pick one of the six available miscellaneous tests listed above. Label will have the same test list to choose from.

Contact our **Fluid Analysis Team** today to learn more.

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## OHIO MACHINERY CO.

