

# Fuel Analysis

What's hiding in your tank?



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. So the question remains, are you putting quality fuel in your tank?

Carter offers several levels of Fuel Analysis packages. Whether you require a basic test or a 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.

## Emergency

Designed for speed, our Emergency testing service is the fastest way to get the critical analysis you need. Our knowledgeable team will deliver your results one business day after receiving your samples. Whether you are preparing for a last-minute inspection or have a downed machine, we have you covered.

## Basic

Basic service provides an economical health assessment of your fuel tank. Quick, easy and accurate, Basic service will let you know what's in your tank, and if there is any cause for concern. If you are curious about fuel maintenance or simply want to ensure your tanks are safe, Basic service is right for you.

## Advanced

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

## Comprehensive

As the name suggests, Comprehensive service is a complete, detailed analysis of your fuel. From health to performance to contamination, Comprehensive service covers it all with clear, meticulous documentation. Whether you need all-inclusive fuel

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**Contact us today to learn more.**

**Fluid Analysis Team**

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**Carter**



**LET'S GET TO WORK.®**

*Continued on reverse.*

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reports for auditing purposes or simply want to make sure you have the most complete understanding of your tanks, Comprehensive service is the right choice for you.

**All levels include 24-hour access to fuel sample reports at: [cartermachinery.com/samples](http://cartermachinery.com/samples)**

**Contact us today to learn more.**

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FUEL TESTING SERVICES	EMERGENCY	BASIC	ADVANCED	COMPREHENSIVE
Dissolved Water by K.F.	x	x	x	x
FAME % Biofuel	x	x	x	x
Flash Point	x	x	x	x
Particle Count	x	x	x	x
Picture Visual	x	x	x	x
Sediment & Water	x	x	x	x
Sulfur	x	x	x	x
Appearance		x	x	x
Microbial Growth		x	x	x
Wear Metals (as-needed)		x	x	x
API Gravity			x	x
Cetane Index			x	x
Cloud Point			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
Kinematic Viscosity				x
Particle Quantifier				x
pH of Present Free Water				x
Pour Point				x
Simulated Cold Filter Plug				x

**Carter**



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