



[S-O-S™ SERVICES]

FUEL ANALYSIS

What's hiding in your tank?



Fuel quality can be a key indicator of the overall health of your system. Using poor-quality fuel can have detrimental effects on 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 Machinery 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.

VITAL

The Vital fuel test package is designed to be an economical introductory fuel kit that gives the bare essentials of your fuel condition. It answers the most common questions about your fuel – bacterial fungal contamination, water content, flash point, and particle count. Abnormal results in the Vital tests may indicate the need to run one of our other test packages to help pinpoint the problem so it can be corrected.

BASIC

The Basic service expands on the Vital test kit to include other important fuel parameters such as percent biofuel content and sulfur levels. Quick and easy, the Basic service will let you know what's in your tank. If you are curious about fuel maintenance or simply want to ensure your tanks are safe, the Basic service is right for you.

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 machine down, we have you covered.

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. The Advanced service will provide a thorough analysis and interpretation of your fuel and help take your fuel maintenance program to the next level.

COMPREHENSIVE

As the name suggests, our 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 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.

For a handy service comparison chart and part number information, see reverse side. >>

Contact the Fluid Analysis Team today.

855.776.4822

FluidAnalysis@cartermachinery.com

Carter



LET'S GET TO WORK.

SERVICE COMPARISON

All levels include 24-hour access to fuel sample reports at www.CarterMachinery.com

FUEL TESTING SERVICES	VITAL	BASIC	EMERGENCY	ADVANCED	COMPREHENSIVE
Dissolved Water by K.F.	X	X	X	X	X
FAME % Biofuel		X	X	X	X
Flash Point	X	X	X	X	X
Particle Count	X	X	X	X	X
Picture Visual	X	X	X	X	X
Sediment & Water		X	X	X	X
Sulfur		X	X	X	X
Appearance		X		X	X
Microbial Growth	X	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
PART NUMBERS	FUELVITAL	FUELBASIC	FUELEMERGENCY	FUELADVANCED	FUELCOMPREHENSIVE

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