CAT® S·O·S℠ SERVICES

ROUTINE FLUID ANALYSIS FOR OIL & GAS CUSTOMERS

Predicting the future isn't as difficult as it seems when you know the condition of your fluids.



- AVOID COSTLY FAILURES
- INCREASE PROFITABILITY
- REDUCE NON-PRODUCTIVE TIME
- DECREASE REPAIR TIME
- PREVENT UNEXPECTED FAILURE
- INCREASE PRODUCTIVITY
- LOWER OPERATING COSTS

EXPERIENCE GAINED OVER HALF A CENTURY

Caterpillar began testing oil for metals, viscosity, particle count and contamination in 1968. Since then, Cat® has expanded our expertise to include coolant and diesel fuel so that today Cat S•O•S℠ is the largest inhouse OEM fluid analysis program globally.

Whether you prefer to have your Cat dealer maintain your assets or are a self-maintainer, Cat S•O•S Services can improve asset health. All you need to do is provide Cat with the samples, and you are leveraging over 50 years of fluid analysis expertise.





OIL SAMPLING

Analysis of all lubricated systems:

- Engines, transmissions, hydraulics, final drives differentials, gear boxes and compressors

Oil sampling identifies:

- Contaminants like water, fuel, glycol or dirt
- Oil condition
- Overall particle analysis

COOLANT SAMPLING

There are two levels of coolant testing — routine and in-depth. Our coolant analysis can assess:

- Correct coolant usage
- Coolant condition
- Adequate freeze/boil protection
- Coolant contamination

REDUCE YOUR TOTAL COST OF OWNERSHIP

Save thousands of dollars in owning and operating costs annually through Cat S•O•S Services. This routine check of engine fluids provides valuable insights, preventing unplanned failures and reducing non-productive time (NPT).

Using the latest technologies and proprietary processes, our experts provide easy to understand reports which can reveal excessive wear, contaminated fluids or other unseen issues.

FAST, RELIABLE, ACCURATE RESULTS GLOBALLY

Caterpillar has seven ISO 9001 certified labs worldwide, plus more than 90 dealer labs. You can expect fast, accurate interpretations from Cat experts regardless of location. They will ensure you have the knowledge you need to make informed decisions to avoid costly downtime.

DIESEL FUEL SAMPLING

Our diesel fuel sampling helps prevent:

- Abnormal wear of valves, valve guides, piston rings and more
- Coolant condition
- Adequate freeze/boil protection

The fuel analysis assesses:

- Fuel quality
- Microbial growth
- Fuel contamination
- Appropriate usage





THE VALUE OF FLUID ANALYTICS

AVOID COSTLY FAILURES

An issue running to failure can double or triple repair costs. Fluid analysis can indicate when to make an adjustment or replace a part to prevent a small problem from becoming a major repair.

BOOST PRODUCTIVITY & PROFITABILITY

Expert fluid analysis helps manage asset health, reducing the total cost of ownership so you can maximize parts life by knowing exactly when replacement is necessary.

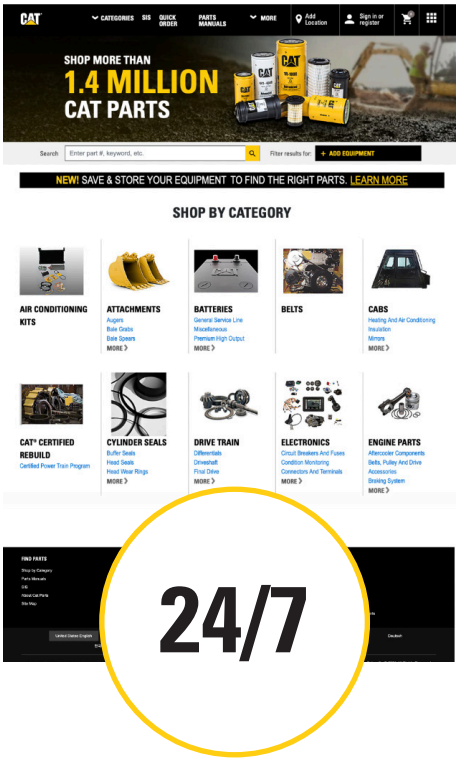
SHORTEN REPAIR TIME

Predict problems and schedule maintenance by tracking component wear, oil performance and fuel & coolant condition.

BUILDING A STRONG PARTNERSHIP

By partnering with your Cat dealer to manage equipment health, you will know parts and support are available when you need them.

GUARANTEED FIT & FUNCTION AND A 12-MONTH WARRANTY



ORDER AND ACCESS 24/7

Looking for ongoing access to information on the Cat parts, tools, and materials you need to get the job done?

You'll find it at **parts.cat.com.** Or, contact your local Cat dealer for all the parts and services that Caterpillar has designed to help you cut operating costs.

LET'S DO THE WORK.™

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