



SCL and ALS Are Excited to Announce a Newly Designed Fluid Analysis Program

Fluid analysis has always proven useful as a pre-warning system for emerging problems. When used properly, it will increase equipment reliability by preventing catastrophic failures. This will decrease unplanned maintenance time and costs for your clients while enabling effective maintenance scheduling.

The SCL Fluid Analysis Program offers test packages designed for oil, fuel, or coolant. Each kit includes a sealed sampling bottle, an outer sample bottle protective container, and sample identification form.

- ▶ **Test kits are available for order through -**

The SCL Fluid Analysis Program is easy to implement while providing valuable data that helps drive down the cost of ownership. Test results are available electronically via the SCL website (scl.alstribology.com) and can also be emailed in an easy to understand PDF format.



Use the website to search for results, create management reports, download data and submit samples to the laboratory. The same login provides access to the ALS Tribology mobile app. This app allows users to receive sample alerts and submit samples using barcode reading technology. Contact your local laboratory or SCL for more information.

Make sure to take advantage of the SCL Fluid Analysis Program to:

- ▶ **Minimize equipment downtime**
- ▶ **Permit more efficient maintenance scheduling**
- ▶ **Protect warranty claims**
- ▶ **Increase equipment resale value**
- ▶ **Optimize oil drain intervals**

Universal Oil Kit | Test Package SCL2

Tests

Viscosity @ 40° C or 100° C

Metals — Includes wear, Contaminant, Additive & Multi-Source) by ICP or Rotrode Emission

Coolant Contamination — If Positive, reported in comments section

Crackle Test — % Water; if free water detected run water by Karl Fisher

% Fuel Dilution

% Fuel Soot

Base Number or Acid Number

Oxidation and Nitration

Oil Advanced+ Kit | Test Package SCL3

Tests

Viscosity @ 40° C or 100° C

Metals — Includes wear, Contaminant, Additive & Multi-Source) by ICP or Rotrode Emission

Crackle Test — % Water; if free water detected run water by Karl Fisher

Karl Fisher — % Water; Turbine Oils and Paper Machine Oils

Acid Number

Oxidation

Particle Count — w/ ISO rating

Coolant Advanced+ Kit

Test Package SCL8

Tests

pH Meter Measure

Freeze Point - Refractometer

Glycol

Nitrite

Boil Point

Carboxylate Acid

TDS (Total Dissolve Solids)

DEF Advanced+ Kit | Test Package SCL9

Tests

Fuel/Oil Contamination

Urea Content

Solids (PCT-2)

Add-on tests (additional cost applies):

Metals — (Wear, Contaminant, Additive & Multi-Source) by ICP or Rotrode Emission

pH