



## 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](http://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**