

Press Release

Edmonton, Alberta, July 4, 2011 - FLUID LIFE INTRODUCES THE RULER® TEST TO THEIR LIST OF FLUID ANALYSIS TEST OFFERINGS.

Fluid Life is proud to add the RULER® (Remaining Useful Life Evaluation Routine) test (ASTM D6810) to their list of fluid analysis test offerings.

The Remaining Useful Life Evaluation Routine (RULER®) instrument measures the oxidative resistance levels of mineral and synthetic hydrocarbon oils, ester-based, and biodegradable oils. This patented electrochemistry technique can evaluate a wide range of antioxidants without any interference from water, fuel, soot, dirt, metal, silt, or other contaminants.

Many conventional testing techniques (kinematic viscosity, total acid number (TAN), infrared (IR) data, and wear metal analysis) are used for measuring the extent of oil degradation and only begin to show significant changes in the physical and chemical properties of the oils when the majority of the antioxidants have been depleted and the oil has begun to substantially degrade. With the addition of the RULER® test, our customers will be able to proactively:

- Quantify the relative concentrations of antioxidants in new and used oils in order to monitor the depletion rates of the antioxidant protection package in the oil.
- Quantify antioxidant levels of incoming and stored oil supplies.
- Identify abnormal operating conditions prior to equipment failure following the detection of abrupt antioxidant depletion rates.
- Determine proper oil change intervals and extend oil change intervals through timely antioxidant additive replenishments.

To ensure that a lubricant is not used past the end of its useful life, periodic oil changes are inherently conservative, which often results in the discarding of lubricants that are still suitable for use. Understanding and forecasting the oxidation process of turbine oils will provide added value to your Oil Analysis Program.

Fluid Life has been providing routine and advanced testing of in-service lubricants, coolants, fuels and filters for **30 years**. Currently, Fluid Life has three testing facilities in Edmonton, Alberta; Brantford, Ontario; and Minneapolis, Minnesota.

For more information, please contact:

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