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**A New Savant Lab Technical Brief Now Available**

Savant Labs provides you brief technical summaries and papers on topics relevant to lubricants formulation and testing. The latest Technical Brief discusses Thermo-oxidation Engine Oil Simulation Tests or TEOST tests.

**Thermo-oxidation Engine Oil Simulation Test (TEOST) Overview**

**A Savant Labs Technical Brief by Mike Habitz and Bill VanBergen**

A key component to automotive engine performance and longevity is the ability of lubricants to resist deposit formation and varnish at elevated temperatures. The need for an accurate, efficient bench test that models modern engine performance is essential to engine oil evaluation. Two TEOST test methods have been developed as a time-saving, cost effective way of evaluating an engine oil's oxidative resistance as a corollary to existing engine tests and engine field data. TEOST 33C simulates deposit formation found in the turbocharger and was correlated to existing field data, while TEOST MHT models the piston ring-belt deposit formation and was developed to correlate to the Peugeot TU3M High Temperature Test. Both tests allow for an objective, physical measurement of deposit mass to determine an oil's susceptibility to deposit formation. [Read the full Technical Brief](#)

*Savant Labs is equipped to perform the ASTM D6335 TEOST 33C and the ASTM D7097 TEOST MHT testing methods with experienced chemists to analyze the data. Savant Labs has the capacity to test multiple samples simultaneously. In addition, customized projects and testing protocols can also be explored to clarify assumptions and improve understanding. [Savant Labs Updated Test List](#)*

**Savant Group Breaks Ground on Facility Expansion**

The Savant Group has announced a \$3 million investment to expand its manufacturing, laboratory and training capabilities serving diverse industries including the automotive, petroleum and chemical industries at its headquarters in Midland, Michigan. The state-of-the-art addition will support a technical training facility for distributors and customers, an expanded customer service area and additional laboratories and manufacturing space. The new laboratories will support additional testing services and technical development activities for the Savant Group global clientele. It is anticipated the building expansion will be completed in July of 2014.

**Upcoming Events:**

**Noria Reliable Plant**  
**April 22-24, 2014**  
**San Antonio, Texas**  
**Booth # 224**

**STLE 69th Annual Meeting**  
**May 18-22, 2014**  
**Lake Buena Vista, Florida**  
**Booth # 320**



**Savant Group Expansion  
Groundbreaking**



**Cindy Esler**

**Savant Labs welcomes a new team member:**

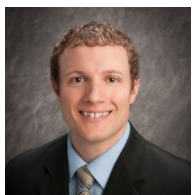
**Cindy Esler** is Savant Labs' new Customer Service Technician. Cindy joins Savant Labs after 17 years in Marketing & Communications at Dow Corning Corporation. This role provides the unique opportunity to touch the many phases of the testing process from customer inquiry, sample check-in and scheduling to report preparation and delivery of results to our customers. Cindy's passion is to provide world class service to the people she assists by responding to their needs in a timely manner with the most current information.



**Maggie Smerdon**

**Savant Labs People on the Move:**

**Maggie Smerdon** has transitioned into the role of Savant Labs Quality/Instrumentation Supervisor. Maggie's mission is to continually improve the excellence throughout the lab -- performing reference runs, calibrations, reviewing data along with comparative analysis and maintenance. Maggie has been a member of the Savant team for over 3 years and previously served as a Sergeant in the US Army. Enlisted for nearly 5 years, she served two tours of duty in Iraq. Maggie is delighted with the immense potential of the Savant Labs and her newest role in the company.



**Neil Turner**

**Neil Turner** is the SavanTech Supervisor. SavanTech is a division of Savant Labs that formulates and certifies custom reference and calibration materials used throughout the lubricants industry. Neil has been a member of the Savant team for over three years and previously worked as a R&D Chemist for The Dow Chemical Company and Forensic Technician for the Michigan State Police. Neil is excited about the opportunity to meet industry needs by leading SavanTech into new areas of business with new product development.

[More Details](#)

