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Evonik's Oil Additives Team Demonstrates Fuel Savings in Hydraulic Fluid with "Simulator" at STLE

Richard Williams
Global Communications Manager
Business Line Oil Additives

HORSHAM, PA --- Evonik's Oil Additives team will feature a simulated demonstration of the fuel savings power in its DYNAVIS®-formulated hydraulic fluid at the 69th STLE Annual Meeting & Exhibition at the Disney Contemporary Resort in Lake Buena Vista, Florida from May 18-22.

Phone +1 215 706-5821
Cell +1 215 407-5861
dick.williams@evonik.com

Evonik's Oil Additives team will feature an exciting, specially-designed "Simulator" at its exhibition stand #405 on May 19-21, allowing visitors to feel the power of hydraulic fluid formulated with Evonik's DYNAVIS® Technology. The Simulator consists of two floor-mounted bicycles, each equipped with a pedal-operated pump to enable each bicyclist to push a column of oil to the top of a clear acrylic cylinder. One column is filled with DYNAVIS®-formulated hydraulic fluid and the other is filled with an ISO-46 monograde fluid. The two bicyclists compete to push their column of fluid to the top first. The DYNAVIS®-formulated hydraulic fluid easily pumps to the top, while the monograde fluid requires much more pedalling. With the simulation, each bicyclist physically experiences the advantages and disadvantages of each respective hydraulic fluid when hydraulic excavation equipment is pushed to its maximum capabilities.

Visitors to Evonik's Oil Additives display will also be invited to test their driving skills on the "Let it flow" Speedway, a real-world racing game, and learn how to boost efficiency with Evonik's technologies and products. Winners of the racing game are entered in a daily drawing to win a Fitbit, the wristband monitor that enables tracking of fitness day and night.

Evonik Oil Additives USA, Inc.
Horsham, PA 19044-4050
USA
www.evonik.com/oil-additives

As a Titanium Plus sponsor of the STLE Annual Meeting, Evonik's Oil Additives team will host the STLE Exhibitor Appreciation Hour Raffle on Monday, May 19 at 3:30 p.m. During this time, STLE attendees can visit the exhibition area and Evonik at Stand #405 to enter for a chance to win one of three Nike+ FuelBands, fitness tracking technology at its best.

To learn more about Evonik's technologies and products, visit evonik.com/oil-additives. For more information about STLE, visit www.stle.org/events/annual.

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About Oil Additives at Evonik

The Oil Additives team at Evonik has taken a leadership role in developing lubricant additive technology designed to improve fuel efficiency and productivity. Energy-saving results have been demonstrated with VISCOPLEX® Viscosity Index Improvers (VIIs) in engine oils, driveline fluids and gear oils. Industrial and off-highway equipment field tests have also recorded up to double-digit improvements in fuel savings with DYNAVIS® technology for hydraulic fluids, reducing operating costs as well as CO₂ emissions. Evonik's VISCOBASE® technology offers an ideal balance between a very shear-stable VII and a synthetic base fluid, providing excellent solvency in automotive gear oil formulations such as heavy duty axle oils and manual transmission fluids. In all of its many applications, the Oil Additives team at Evonik strives for Resource Efficiency.

The Oil Additives business line of Evonik Industries also specializes in high-performance additives and technologies for fuels and refinery products. Evonik's VISCOPLEX® Cold Flow Improvers (CFIs) provide outstanding flow properties for biofuels in any region or season. VISCOPLEX® dewaxing aids (DWAs) are designed for refinery solvent dewaxing processes that involve differing lube oil viscosity grades, especially bright stocks.

Advanced regional technology centers, modern global manufacturing centers, and a secure and reliable supply chain worldwide enable Evonik's continuous development of customized solutions for customers anywhere on earth.

Company information

Evonik, the creative international industrial group, is one of the world leaders in specialty chemicals. Its activities focus on the key megatrends resource efficiency, health, nutrition and globalization. Evonik benefits specifically from its innovative strength and integrated technology platforms. Evonik is active in over 100 countries around the world. In

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fiscal 2013 more than 33,500 employees generated sales of around €12.7 billion.

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