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Membrane Patch Colorimetry (MPC) is now an ASTM Standard

ASTM D7843 standardizes varnish potential testing for turbine oil users

JERSEY CITY, NJ, USA/DECEMBER 10, 2012 – ASTM International, a globally recognized leader in the development and delivery of international voluntary consensus standards, recently approved a new standard for testing the varnish potential of in-service lubricants: **ASTM D7843 - Standard Test Method for Measurement of Lubricant Generated Insoluble Color Bodies in In-Service Turbine Oils using Membrane Patch Colorimetry.**

MPC testing has already been globally adopted as the most common methodology for testing the varnish potential of turbine oils and other non-detergent lubricants. The new standard however will increase testing consistency and precision. Improvements in test reproducibility are expected as not all commercial labs are performing the test in the same manner.

“Varnish has plagued turbine oil users in recent years,” states Dr. David Wooton, the Chair of the ASTM Work Group that developed and balloted the new Standard. “The new MPC test standardizes a powerful predictive tool for turbine and compressor users allowing them to be aware of impending varnish problems.”

Fluitec has been a strong supporter of the MPC test for years. Two of Fluitec’s employees developed and commercialized the industry’s first varnish potential test, the predecessor to the MPC test, in 2005. “We view the MPC test as a powerful complement to our RULER technology,” claimed Greg Livingstone, Fluitec’s CMO. “Trending antioxidant health and soft contaminant formation are critical to understanding the remaining useful life of your lubricants.”

For more information on ASTM D7843, please visit www.astm.org.

About Fluitec

Fluitec, based in Jersey City, New Jersey is a privately-held company. It provides customers in over 40 countries leading edge technologies and knowledge to realize optimum reliability and productivity of their lubricating assets. In 2010, Fluitec received an award for the “Most Promising Innovation” from Cleantech in New York City. Fluitec has developed several technologies to monitor and maintain lubricants. One of their flagship condition monitoring products, the RULER™, is a patented technology to determine the remaining useful life of lubricants. They have also developed the industry’s leading, patent-pending lubricant varnish mitigation technology called Electrophysical Separation Process™.

Fluitec can be found online at www.fluitec.com.