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POLARIS Laboratories® Expands Fluid Analysis Capabilities with Transformer Oil Testing
New capability broadens testing support for electrical and power generation assets

Indianapolis, IN — POLARIS Laboratories®, a global leader in fluid analysis and equipment reliability, announces the addition of **transformer oil testing, analysis, and diagnostics** to its laboratory capabilities. The new offering builds on POLARIS Laboratories' established expertise across lubricants, engine coolants, diesel fuels and greases, extending fluid analysis support to electrical assets and power generation applications.

Transformer oil analysis provides insight into both insulating liquid condition and transformer health. POLARIS Laboratories' capabilities include key tests such as **Dissolved Gas Analysis (DGA), breakdown voltage, moisture content, acidity, interfacial tension, furan analysis, and dissipation factor**, helping customers identify developing faults and monitor conditions.

"Adding transformer oil testing is a natural extension of how we help customers make smarter, data-driven reliability decisions," said Bryan Debshaw, CEO of POLARIS Laboratories®. "It allows us to support a broader range of critical assets and provide a more complete ecosystem of fluid analysis services across customer operations—from mechanical to electrical equipment."

The capability also expands POLARIS Laboratories' support for organizations across power generation, transmission, distribution, and other electrical equipment applications.

"Transformer oil contains important information about what is happening inside an electrical asset," said David Koehler, Executive Director, Reliability at POLARIS Laboratories®. "Combining the right testing with historical data, technical expertise, and meaningful interpretation helps customers understand developing conditions and determine the right next steps."

With the addition of transformer oil analysis, POLARIS Laboratories® continues to expand its role as a comprehensive fluid analysis partner, delivering smarter data insights that help customers optimize maintenance strategies and protect critical equipment.

About POLARIS Laboratories®

POLARIS Laboratories® is an independent fluid analysis company headquartered in Indianapolis, Indiana and operates eight laboratories around the globe. The company specializes in testing and analyzing oil, coolant, heat transfer fluids, grease and diesel fuel to provide actionable recommendations that reduce maintenance costs, improve equipment reliability and minimize unscheduled downtime for companies in the industrial, oil and gas, construction, mining and power generation industries. The United States and Poland laboratory locations are ISO17025:2017 certified by A2LA (certificate 2145.01). For more information, visit www.polarislabs.com