



Prolec-GE Makes Energy Distribution Safer, More Environmentally-Friendly with New VG-100 Natural Ester Fluid

ORLANDO and MEXICO – February 11, 2016 – [Prolec-GE](#) today announced the expansion of its eco-friendly offering with the launch of the new VG-100 Natural Ester Fluid ([VG-100](#)). Derived from vegetable sources, VG-100 is a 100 percent biodegradable dielectric coolant with a high flash point that represents a safer alternative to the conventional mineral oil that is used in transformers.

Mineral oil is commonly used in transformers to keep the Core & Coil cool, but unexpected power surges can cause overheating, creating a fire hazard, leaving houses and businesses vulnerable to power outages. VG-100 has a higher flash point than mineral oil, which reduces fire risks, making electricity distribution safer and more reliable.

Completely natural and non-toxic, VG-100 helps customers prevent potential damage to the environment in the event of leaks or spills. This fluid also has the ability to draw out moisture from paper, increasing the lifetime of the transformer's cellulose insulation. In addition, its self-extinguishing and high flash point (>300°C) feature help improve fire safety. Formulated using a proprietary process, this 100 percent biodegradable dielectric fluid does not contain any synthetic antioxidant, sulphur or petroleum-based compounds. VG-100 complies with international standards such as [IEEE](#), [Factory Mutual](#) and [Underwriters Laboratories](#). It is patent-granted for use in new electrical transformers or to replace mineral oil in existing transformers.

"The transformers filled with VG-100 natural ester fluid represent an extension of our product offering," said Pedro Puente, Prolec GE Technology Director. "Our customers recognize that the natural ester fluid is an excellent alternative to mineral oil as it provides significant safety, maintenance, and environmental advantages. With this development, we help them to reduce their environmental footprint by offering sustainable assets while improving the safety and reliability of their operation."

About PROLEC-GE

PROLEC-GE is a joint venture between the GE and Xignux, S.A. de C.V. It is one of the largest transformer manufacturers in the Americas, offering a full line of transformer products for the generation, transmission and distribution of electric power. PROLEC-GE has more than 40 years of experience in the industry, with products installed in more than 35 countries around the world. For more information, please visit www.prolecge.com.

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