

The Future of Synthetic Esters: EsterTec® VSP

Innovation that supports the growing demand for high performance and sustainable lubricant components



Milledgeville, Georgia Jun 5, 2025 ([Issuewire.com](https://www.issuewire.com)) - Zschimmer & Schwarz Inc., a global manufacturer of synthetic ester base stocks and additives for lubricants, announces the launch of EsterTec, a breakthrough in synthetic ester technology. Based on Vicinal Secondary Polyol (VSP) technology, these innovative products have been specially developed for the highest technical requirements and a wide range of industrial applications. EsterTec combines excellent performance with versatility, efficiency and sustainability and is based on globally accessible standard raw materials.

Characterized by excellent thermal, oxidative and hydrolytic stability, EsterTec delivers outstanding performance under extreme conditions. The reduction of friction and wear ensures greater energy efficiency and longer service life for machines and systems. Their high viscosity index, low density, excellent lubricity and broad operating temperature range enable efficient operation and potential for savings.

Developed for automotive, industrial, agricultural and marine applications, EsterTec is a tailor-made solution for formulating premium lubricants and functional fluids. VSP esters are suitable for hydraulic fluids, driveline and gear oils, compressor oils, transformer oils, metalworking fluids, drilling muds and many more. They are also next generation base stock options for future-oriented applications such as e-

mobility and dielectric coolants.

In addition to their technical performance, EsterTec products also deliver sustainability benefits resulting from high biogenic content, biodegradability and will be certified by the USDA as “BioPreferred®”. This means that they are not only environmentally friendly but are also designed to proactively meet future regulatory requirements.

EsterTec continues the tradition of “Chemistry tailor-made” at Zschimmer & Schwarz, and customers continue to benefit from Z&S applications expertise and outstanding service. To learn more about EsterTec VSP, visit: www.estertec.com

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About Zschimmer & Schwarz:

Zschimmer & Schwarz is a global supplier of chemical auxiliaries and specialties headquartered in Lahnstein near Koblenz, Germany. The company was founded in Chemnitz in 1894 and has been 100 % family-owned since. Having supplied specialty chemical solutions for more than 130 years, Zschimmer & Schwarz is positioned across industries with its seven business divisions. The company develops, produces and distributes tailor-made chemical auxiliaries for the leather, ceramic, textile and chemical fiber industries. Manufacturers of cleaning agents, personal care products, lubricant components and industrial applications all over the world trust in the company’s chemical specialties as well. The corporate group Zschimmer & Schwarz comprises 27 companies in 16 countries on five continents.

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