

MEDIA RELEASE

Clariant to showcase innovative synthetic lubricant solutions at Inter Lubric 2025

- Clariant will present its comprehensive portfolio of fully synthetic metalworking fluids at Inter Lubric 2025, June 4-6 in Shanghai
- New Hostagloss™ products will be highlighted: Hostagloss SEE, Hostagloss 1520, and Hostagloss LS, offering superior performance in water-based lubricant applications
- Clariant's innovative solutions deliver on the company's commitment to comprehensive and efficient metalworking fluid technologies

SHANGHAI, MAY 28, 2025

Clariant, a sustainability-focused specialty chemical company, will showcase its latest innovations in synthetic metalworking fluids at Inter Lubric 2025, taking place June 4-6 at the Shanghai New International Expo Centre. Visitors to Clariant's booth N5E05 in Hall N5 will discover the company's comprehensive portfolio of lubricant solutions designed to meet the evolving needs of modern industrial applications.

Under the slogan "Clariant fully synthetic metalworking fluids: Wear Zero, Perform Hero" the company will highlight three groundbreaking additions to its Hostagloss product line that deliver enhanced performance. These innovations address the growing market demand for water-based alternatives to traditional mineral oil-based products, delivering the high performance required in today's competitive manufacturing environment.

Next-generation self-emulsifying technology

Hostagloss SEE, a self-emulsifying ester-based lubricant, represents a significant advancement in water-based lubricant technology. This innovative product forms exceptionally stable emulsions with a narrow particle size distribution and fine particles when dissolved in water. The unique formulation allows manufacturers to reduce the amount of emulsifiers in their formulations, resulting in lower overall costs without compromising performance, while its excellent lubricating properties combined with superior calcium soap dispersibility make it an ideal choice for modern metalworking applications.

Advanced polyether ester technology for improved efficiency

Visitors to Clariant's booth will also learn about Hostagloss 1520, a self-dispersing ester-based water-based lubricant that addresses common challenges in industrial applications. Unlike traditional synthetic esters, Hostagloss 1520 maintains a stable acid value and offers near-neutral pH, making it compatible with a wide range of formulations, while its excellent hard water tolerance and superior calcium soap and iron powder dispersing capabilities ensure consistent performance across varying conditions.

With smaller particle size compared to similar products, Hostagliss 1520 delivers improved cleaning performance while generating less foam than castor oil derivatives, enhancing operational efficiency.

Synthetic ester innovation for superior compatibility

Completing the trio of highlighted products is Hostagliss LS, a new synthetic ester lubricant specifically designed for enhanced compatibility with water-based metalworking fluids. Developed using an innovative combination of long-chain fatty acids, polyols, dicarboxylic acids, and branched fatty acids, Hostagliss LS retains a high degree of hydrophilic groups during synthesis, resulting in excellent film-forming properties and superior lubrication performance in water-based systems.

"Our fully synthetic metalworking fluid additives are designed to help customers achieve their performance goals," explained Adam Yin, Head of Industrial Applications, Greater China. "By offering comprehensive and efficient solutions, we're supporting the industry's transition toward more advanced manufacturing practices."

Beyond the highlighted Hostagliss products, Clariant will showcase its broader portfolio of lubricant additives and metalworking fluids designed to enhance performance across various applications.

For more information about Clariant's innovative solutions for the lubricants industry, please visit <https://www.clariant.com/en/Business-Units/Care-Chemicals/Industrial-Lubricants>.

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Clariant Fully Synthetic Metalworking Fluids

WEAR ZERO, PERFORM HERO



Clariant to showcase innovative synthetic lubricant solutions at Inter Lubric 2025. © Clariant

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