

Additin Scopeblue: LANXESS introduces sustainably produced light-color sulfur carriers

- **Light-color sulfur carriers for metalworking lubricants**
- **Reduce wear and prevent cold welding**
- **Scopeblue label indicates products with sustainable profile**

Shanghai, April 26, 2023 – Specialty chemicals company LANXESS is introducing sustainable light-color sulfur carriers within the Additin product family. Produced at the Mannheim site in Germany, the sulfur carriers are marketed under the LANXESS Scopeblue sustainability umbrella brand.

“Sustainability is a key focus area and an increasingly important topic at LANXESS,” says Neelanjan Banerjee, Head of LANXESS’s Lubricant Additives Business (LAB). “Not only do we have the right products in our portfolio to support our customers across applications and grow with them, we also offer them more sustainable, more environmentally friendly alternatives. This makes us a frontrunner in the market.”

The light sulfur-carriers are based on locally sourced renewable raw materials. They also meet the requirements of the “Lubricant Substance Classification”-list (LuSC) – the prime reference for formulators of lubricants who intend to apply for the EU Ecolabel. EU Ecolabel lubricants are more eco-friendly alternatives to conventional lubricants, aiming to decrease the impact of these products on biodiversity, through respecting a wide scope of environmental criteria.

Additives reduce wear and prevent cold welding

Sulfur-carrier additives of the Additin brand are light in color, low in odor and are mainly used in metalworking lubricants. They reduce wear on metal surfaces and prevent cold welding even under extreme conditions such as high pressure. Because of their beneficial eco-toxicological profile, light-color sulfur carriers are increasingly

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replacing other chemical substances such as chlorinated paraffins, which have been classified as “Substances of Very High Concern” (SVHCs) by the European Chemicals Agency (ECHA) due to their environmental persistence and high bioaccumulation potential.

The following Additin products received the Scopeblue label as outstanding sustainable products based on renewable raw materials:

- Additin RC 2315 and RC 2317: Low kinematic viscosity, excellent wettability and good solubility in group I to V base oils
- Additin RC 2410, RC 2415 and RC 2418: Medium high kinematic viscosity, good lubricity and high polarity
- Additin RC 2515: Excellent polarity and lubricity, high affinity to metal surfaces and high kinematic viscosity

Technical details and further information are available at <https://lanxess.com/en/Products-and-Brands/Brands/Additin/Extreme-pressure>.

Scopeblue label to indicate sustainable products

LANXESS created the Scopeblue label for products that either exhibit a sustainable raw material content of more than 50 percent or offer a carbon footprint of less than half that of their conventional counterparts. In accordance with the mass balance approach the products are chemically identical, i.e. new processes, tools or adaptations are not necessary.

LAB has a long track record of providing technical expertise to customers who are looking to replace substances like chlorinated paraffins in their formulations with high-performing, more environmentally friendly sulfur carriers.

Detailed information on the LANXESS lubricant additives portfolio is available at <https://lanxess.com/en/Company/Corporate-Structure/Business-Units/Lubricant-Additives-Business>.

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Press Release

About LANXESS

LANXESS is a leading specialty chemicals company with sales of EUR 8.1 billion in 2022. The company currently has about 13,100 employees in 33 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives and consumer protection products. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

LANXESS China

On January 31, 2005, the company was initially listed on the Frankfurt Stock Exchange and LANXESS Chemical (China) Co., Ltd. officially started operations. LANXESS now has 13 subsidiaries, 5 R&D centers and 5 production sites in Greater China. LANXESS works closely with its local partners to develop market-oriented solutions that meet local market needs.

Forward-Looking Statements

This company release contains certain forward-looking statements, including assumptions, opinions, expectations and views of the company or cited from third party sources. Various known and unknown risks, uncertainties and other factors could cause the actual results, financial position, development or performance of LANXESS AG to differ materially from the estimations expressed or implied herein. LANXESS AG does not guarantee that the assumptions underlying such forward-looking statements are free from errors, nor does it accept any responsibility for the future accuracy of the opinions expressed in this presentation or the actual occurrence of the forecast developments. No representation or warranty (expressed or implied) is made as to, and no reliance should be placed on, any information, estimates, targets and opinions, contained herein, and no liability whatsoever is accepted as to any errors, omissions or misstatements contained herein, and accordingly, no representative of LANXESS AG or any of its affiliated companies or any of such person's officers, directors or employees accept any liability whatsoever arising directly or indirectly from the use of this document.

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