

### **LANXESS Hosts 2024 Power Industry Fire Resistant Fluid Seminar**

**Shanghai, November 1, 2024** –German specialty chemicals company LANXESS hosted the 2024 Power Industry Fire Resistant Fluid Seminar on October 31 at the Asia Pacific Application Development Center (AADC) in the Shanghai Chemical Industry Park today.

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**REOLUBE® Anti-Fuel Technology Seminar**

Focused on the hot issues in the power industry, Dr. Michael Fletschinger, Global Head of Technical Services of Lubricant Additives Business (LAB), introduced LANXESS' experience of more than 60 years of safe operation of fire resistant hydraulic fluids in the field of thermal and nuclear power. Close to 100 corporate customers from the three major OEMs in China as well as nuclear and thermal power plants participated in the forum.

“China is one of the world’s largest lubricant consumption markets and is crucial to the strategic layout of Lubricant Additives Business,” said Jennifer Liu, Head of APAC Sales Business Unit Lubricant Additives, “Taking the nuclear power industry as an example, China had the second largest nuclear power generation capacity in the world in 2023, which is one of the key application areas for LANXESS fire resistant hydraulic fluids. In the power industry, safe production

and fire prevention measures are crucial challenges. With our advanced technology solutions, we can effectively help power plants to improve safety standards, prevent fire risks and ensure a safe and reliable production process.”

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Head of APAC Sales Business Unit Lubricant Additives Jennifer LIU

## Helping to ensure safe production in China’s power industry

As one of the leading suppliers of lubricant additives, LANXESS is committed to providing integrated value chain solutions for a wide range of applications in industrial lubricants, greases, and metalworking industry under the “Quality and Excellence” philosophy.



VP, Corporate Communications of LANXESS APAC & India Region Ulf Dressler

For example, REOLUBE® phosphate ester fire resistant hydraulic fluids manufactured by LANXESS at its Nantong plant are capable of self-extinguishing upon ignition. Their excellent fire-resistant properties are far superior to those of other fire resistant fluids that do not contain phosphorus, making them ideal for use in high-risk fire environments. In its application in the turbines of power plants, REOLUBE® fire resistant hydraulic fluids can effectively prevent the ignition of hydraulic oil in the event of a steam regulating valve leak, thereby avoiding the risk of fire. In steel mills, where molten steel is produced and processed at temperatures in excess of 1,000°C, REOLUBE® fire resistant hydraulic fluids meet the same stringent specifications and performance requirements to ensure safety in high temperature operating environments.

REOLUBE® Turbofluid 46SJ is a triaryl phosphate ester based on selected xylenol fractions for use in electro-hydraulic modulation control systems in steam turbines, including various systems using high-precision servo valves. REOLUBE® Turbofluid 46B CN is a triaryl phosphate ester based on synthetic tertiary-butylphenol, which has good oxidative stability. It is also recommended as a fire protection lubricant, e.g. for steam and gas turbines.

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Global Head Technical Service, Business Unit Lubricant Additives Dr. Michael Fletschinger

Experts from Xi'an Thermal Power Research Institute Co.,Ltd. and Shanghai Maosheng Power Station Equipment Co., Ltd. were

specially invited to introduce the national testing standards of anti-fuel oil as well as the valuable experience of daily operation and maintenance of steam turbine EH system to the power industry customers. During the forum, LANXESS also organized a visit to its R&D center and production base, further demonstrating the company's technical strength and innovation ability.

### **Focusing on local innovation**

In 2017, LANXESS successfully acquired the US-based specialty chemicals company Chemtura Corporation, which significantly enriched its additives portfolio. Currently, LAB has around 600 products, covering a comprehensive product line of lubricant additives, packages, synthetic base oils and specialty fluids. The business unit has 12 production sites and four R&D centers in North America, Europe and Asia, including three production sites and one R&D center in the Asia-Pacific region.

AADC in Shanghai contains the innovation center of LAB and focuses on local research and development. The center developed the world's first polyurea-calcium sulfonate composite grease (PU-CSC grease), which has been awarded a global patent, setting a new benchmark in the industry. This innovation is not only expected to replace existing polyurea greases, but also to extend calcium sulfonate greases to more applications to meet the specific needs of the Chinese market, such as steel mills and the electric vehicle industry.

As an independent solutions provider for the entire value chain of the lubricants market, LAB is committed to enhancing the customer experience through technology sharing and innovation, thus contributing to the healthy and sustainable development of the lubricants market in China.

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## Press Release

### About LANXESS

LANXESS is a leading specialty chemicals company with sales of EUR 6.7 billion in 2023. The company currently has about 12,500 employees in 32 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 of the Dow Jones Sustainability Index (DJSI World and Europe).

### 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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