

### **LANXESS at the Tire Technology Expo**

- **Central theme: “Clean and efficient tire production”**
- **Permanently coated bladders for tire vulcanization**
- **Ideal for the production of run-flat tires**

**Cologne, May 13, 2022** – LANXESS will be presenting its versatile and sustainable solutions for tire production at the Tire Technology Expo in Hanover from May 18 to 20, 2022. The slogan of the specialty chemicals company for this year’s appearance at the exhibition is “Clean and efficient tire production”. To accompany the appearance, Dr. Tobias Lauterbach, Technical Manager Marketing & Sales Auxiliaries at the LANXESS Rhein Chemie business unit, will be delivering a presentation at 14:25 on May 18. Entitled “Clean and efficient tire curing – avoid sticking to the past”, he will provide insights into modern and sustainable methods for tire vulcanization.

#### **Higher process efficiency thanks to permanently coated bladders**

As the world’s largest manufacturer of rubber additives, LANXESS is also contributing its expertise in release agent technology through its permanently coated vulcanization bladders with the brand name Rhenoshape. This not only ensures that the bladders have a longer service life when vulcanizing tires. Process efficiency is improved, too, because the Rhenoshape bladders reduce the amount of material and work required considerably. They are suitable for use in all product classes – from tires for cars, trucks and heavy goods vehicles right through to motorcycle tires.

#### **Ideal for run-flat tires**

These specially coated bladders are especially suitable for the production of run-flat tires, which enable safe driving in the event of pressure loss. They do not require any additional release agents either on the bladder or on the tire inner liner in order to ensure a smooth molding process in the tire press. This enables a long bladder

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service life that can otherwise only be achieved by regularly adding release agents to the inner liner of the tire or to the bladder.

### **Better without silicone**

Using permanently coated bladders eliminates the need to use silicone oils – with many benefits for the tire manufacturer. The processors are not subjected to silicones, and the vulcanization process is impaired less. In order to ensure adhesion of sealing layers, noise-reducing foam and sensors, the inner surfaces of the tires must undergo meticulous cleaning using a laser or chemicals. With permanently coated bladders, the effort required for this cleaning step can be reduced or the step can even be omitted completely.

Permanently coated Rhenoshape bladders can be combined with all subsequent coatings from LANXESS. Using them together with unfilled inside paints or semi-permanent products results in far smaller amounts of release agent being added compared with uncoated bladders.

### **Comprehensive portfolio for tire production**

The range of products that the specialty chemicals company has to offer the rubber industry comprises an extensive selection of additives that are used in tire mixtures in particular. These include vulcanizing agents and rubber additives in pre-dispersed and other delivery forms, processing accelerators, anti-reversion agents, zinc oxide, antidegradants and mastication agents. The range of release agents comprises granulated batch-off products, single- and multiple-release inside paints and bladder coatings. Outside, finishing and tire marking paints complete the portfolio.

You can find LANXESS at booth 4000 in hall 20. You can find out more about products and solutions for the rubber industry at [rch.lanxess.com](http://rch.lanxess.com).

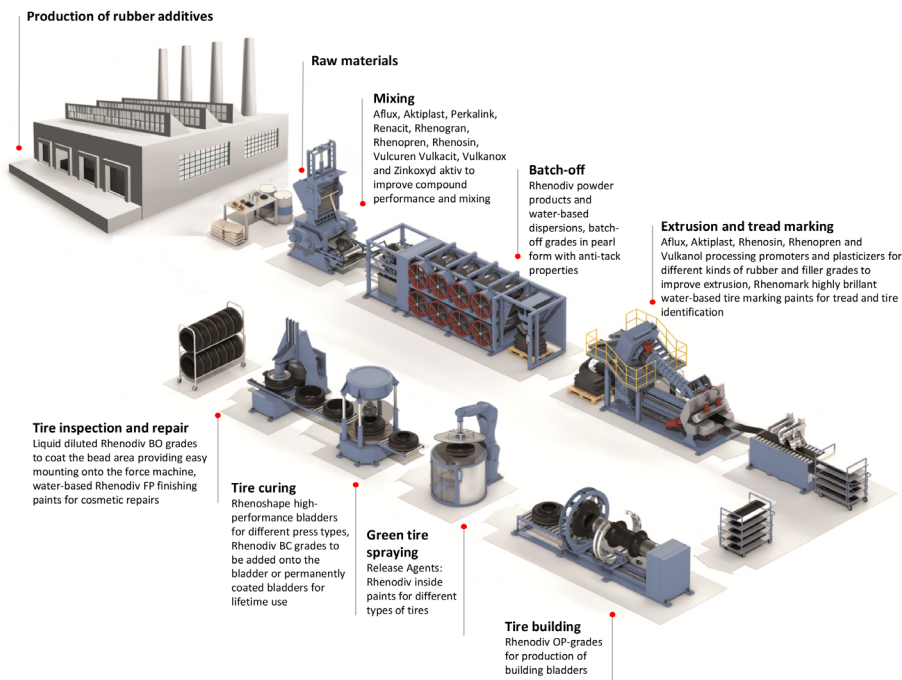
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## Image

### Clean and efficient tire production



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Under the slogan “Clean and efficient tire production”, LANXESS will present its versatile and sustainable solutions for manufacturing tires at the Tire Technology Expo.

Graphic: LANXESS

LANXESS is a leading specialty chemicals company with sales of EUR 7.6 billion in 2021. The company currently has about 14,900 employees in 33 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives, specialty chemicals and plastics. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

### 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 accepts any liability whatsoever arising directly or indirectly from the use of this document.

### Information for editors:

All LANXESS news releases and their accompanying photos can be found at <http://press.lanxess.com>. Recent photos of the Board of Management and other LANXESS image material are available at <http://photos.lanxess.com>.

You can find further information concerning LANXESS chemistry in our WebMagazine at <http://webmagazine.lanxess.com>.

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