

## **Green Light for Generation 5: The New Conti Hybrid Tire Line for Regional Transport Gets the Ball Rolling**

- **Launch of the new premium tire generation: Kick off with Conti Hybrid HS5 and Conti Hybrid HD5 for the steer and drive axles**
- **High mileage, durability and robustness in mixed regional use**
- **Optimized tread design and new rubber compounds**

Hanover, Germany, September 12, 2022. The transport and logistics sector is experiencing an unprecedented boom. The changes in consumer behavior and the rapid growth of online shopping have led to the transport sector becoming the largest branch of the goods handling business in Europe. Stable supply chains are more vital than ever. Regional transport, above all, is gaining increasingly in importance and the vehicles involved in regional goods transport, in particular, have to demonstrate the ability to absorb significant punishment. Frequent braking and pulling away again, manoeuvres in tight situations and various load states on changing road surface conditions challenge all vehicle components day in, day out. And as a direct contact point between the vehicle and the road, the tires play a fundamental role. Continental developed the new Generation 5 Conti Hybrid tire line to rise to the challenge of performing this demanding role on a daily basis along regional routes that also include highway/freeway sections.

### **A partner to rely on throughout its service life**

Getting the ball rolling for Generation 5 are the Conti Hybrid HS5 for the steer axle and the Conti Hybrid HD5 for the drive axle – in 22.5-inch format for combined use on regional roads and highways. The tires meet the diverse requirements of heavy-duty fleet use, i.e. frequent acceleration, braking, maneuvering and cornering on a variety of road surfaces. The new premium tires rise to the myriad challenges with an array of cutting-edge developments; innovative treads, rubber compounds and state-of-the-art casing constructions deliver superb performance thanks to excellent mileage, durability and traction combined with optimized rolling resistance. This makes the new Conti Hybrid a reliable partner throughout its service life. The new Conti Hybrid Generation 5 tire line stands out with a mileage up to 20 percent higher than that of the predecessor generation – depending on the tire size involved.

This new tire line offers fleet operators exceptional overall performance throughout the tires' service life, as they have been developed specially to meet the demands of regional transport. "With the high mileage on offer and premium retread solution, the long service life of the tires helps to achieve a high level of fleet efficiency and therefore ensure sustainable fleet management," says Hinnerk Kaiser, Head of Product Development Bus and Truck Tires at Continental.

### **A formula to meet diverse customer requirements**

The rubber compounds used by the Conti Hybrid Generation 5 tire line have been further developed specially to meet the exacting demands of regional transport. The treads, with their two-layer construction (cap base) and innovative compounds, enable a high mileage and considerable robustness while also optimizing rolling resistance in regional transport use. This also has a positive impact on fuel efficiency and CO<sub>2</sub> emissions. Both the Conti Hybrid HS5 for the steer axle and the Conti Hybrid HD5 for the drive axle offer top-class performance in all weather conditions and even with residual tread depths towards the end of the tire life. A robust tread with new, full-width 3D matrix sipes takes the credit here.

### **0° belt casing for optimal pressure distribution**

The 0° belt casing on the Conti Hybrid HS5 in 315/70 R22.5 format brings additional stability, a uniform wear pattern and optimal retreadability to the steer axle. A long and unbroken steel belt runs over the radial casing in the direction of travel. This construction optimizes pressure distribution in the contact surface, especially under varying load conditions. And it also reduces the stress on the belt edges, which increases the service life of the tire and retreadability.

### **Enhanced tread structure**

The newly developed tread structure of the Conti Hybrid HD5 protects the tread and casing very effectively against stone damage at the drive axle. Center grooves with increasing cavities in the second half of the tire's service life and special stone ejectors prevent stones becoming embedded in the tire.

The new Conti Hybrid tires will be available in numerous sizes, starting with the following options:

Conti Hybrid HS5 315/70 R 22.5

Conti Hybrid HS5 385/55 R 22.5

Conti Hybrid HD5 315/70 R 22.5

All tires are also available from the factory as smart tires and can be connected to digital solutions such as the ContiConnect digital tire management system with the pre-installed tire sensor.

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**Topic links:**  **Photo**

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**Continental** develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2021, Continental generated sales of €33.8 billion and currently employs over 190,000 people in 58 countries and markets. On October 8, 2021, the company celebrated its 150th anniversary.

The **Tires group sector** has 24 production and development locations worldwide. Continental is one of the leading tire manufacturers with more than 57,000 employees and posted sales of €11.8 billion in 2021 in this group sector. Continental ranks among the technology leaders in tire production and offers a broad product range for passenger cars, commercial and special-purpose vehicles as well as two-wheelers. Through continuous investment in research and development, Continental makes a major contribution to safe, cost-effective and ecologically efficient mobility. The portfolio of the Tires sector includes services for the tire trade and fleet applications, as well as digital management systems for tires.

### Press contact

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## Pictures and captions



Continental-PP-Gen5-HS5-HD5.jpg

Getting the ball rolling for Generation 5 are the Conti Hybrid HS5 for the steer axle and the Conti Hybrid HD5 for the drive axle.



Continental-PP-Gen5-HS5.jpg

Additional stability, a uniform wear pattern and optimal retreadability: the Conti Hybrid HS5 for the steer axle.



Continental-PP-Gen5-HD5.jpg

Effective protection against stone damage: the Conti Hybrid HD5 for the drive axle.



Hinnerk Kaiser, Head of Product Development Bus and Truck Tires at Continental.

Continental-PP-Gen5-Kaiser.jpg