

Tire Expert (Tire Wear) at Hankook Tire Europe Technical Center (m/f/d)

As a globally active manufacturing company with more than 22,000 employees worldwide (4,000 in Europe) and higher-than-average growth and development in the European Union, Hankook Tire offers advanced tire solutions for many applications. For many years, the company has been a supplier to the international automotive industry (including Audi, BMW, Ford, General Motors, Hyundai/Kia, Mercedes-Benz, Mini, Volkswagen) and top motorsports. Hankook's tires often win awards in independent product tests and boast excellent EU label reviews. Commitment to sponsorship at international level – for example as an official partner of the UEFA Europa League - also contributes to increasing brand awareness.

Hankook Tire Europe Technical Center (ETC) based in Hannover, Germany is one of Hankook Tire's five global R&D centers (along with Korea, United States, Japan, China) and is responsible for the development and testing of tire solutions for European road conditions – working together with premium European vehicle manufacturers. Indoor test operation and quality control for European tire production in Hungary are also controlled by ETC.

As an **Expert for Tire Wear**, you will contribute to the development and optimization of tire wear performance within our global R&D organization. You will be responsible for designing and conducting advanced test programs, analyzing results, and supporting international collaboration projects to enhance tire durability and efficiency.

Your Key Responsibilities:

- Conduct field test correlation, including on-road and proving ground evaluations.
- Analyze and interpret tire wear patterns and surface morphology (e.g., SEM, profilometry).
- Plan and perform indoor tire wear tests and related evaluations.
- Develop and validate robust and repeatable test methodologies.
- Correlate and align laboratory, simulation, and field test results.
- Perform root cause analyses and failure investigations (abrasion, chunking, heat build-up, etc.).
- Actively participate in the **ETRTO Tire Abrasion Working Group**.
- Collaborate closely with our Global R&D Center in South Korea and other international sites.

Your Profile:

- Comprehensive knowledge of tire construction and materials (tread, carcass, belt, compound, etc.).
- Experience in processing and interpreting large datasets from test rigs or vehicle telemetry systems.
- Proficiency in **MATLAB, Python, or LabVIEW** for data analysis and automation.
- Solid understanding of international and regional tire testing standards (ISO, ECE, SAE, JATMA, etc.).
- Excellent communication and teamwork skills within an international environment.
- Willingness to travel internationally.
- Very good command of **German and English**, both written and spoken.

What We Offer:

- A diverse and challenging role in an innovative R&D environment within a global company.
- Opportunities to work on international projects and contribute to sustainable mobility solutions.
- A collaborative and inclusive corporate culture that values innovation and technical excellence.
- Competitive compensation package and professional development opportunities.

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Additional information

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| Location | Hanover |
| Position type | Full-time employee |
| Start of work | Nov 1, 2025 |

Responsible

Song Choong-kee