

Tire Development Engineer - Original Equipment - Passenger Tires

Descrição da função

HOW YOU WILL MAKE AN IMPACT

SG10/11

We are seeking a detail-oriented and analytical Tire Development Engineer to join our Original Equipment (OE) Product Development Team (PDT) Platform in Auburn Hills, United States. In this role, you will be responsible for developing innovative tire solutions that meet the demanding requirements of original equipment car manufacturers. You will work collaboratively with cross-functional teams to design, test, and optimize tire performance while ensuring compliance with industry standards and customer specifications.

- Design and develop tire constructions and compounds using simulation software and engineering analysis tools
- Conduct comprehensive tire testing and validation to evaluate performance characteristics including durability, traction, rolling resistance, and noise
- Analyze test data and simulation results to identify optimization opportunities and drive continuous improvement
- Collaborate with materials scientists, manufacturing engineers, and quality assurance teams to ensure feasibility and manufacturability of tire designs
- Prepare detailed technical documentation, reports, and presentations for internal stakeholders and OE customers
- Troubleshoot performance issues and implement corrective actions to meet or exceed performance targets
- Stay current with automotive industry trends, regulatory requirements, and competitive tire technologies
- Participate in design reviews and provide technical recommendations throughout the product development lifecycle
- Support prototype development and coordinate with manufacturing facilities for production trials
- Manage project timelines and deliverables while maintaining organized documentation and records

Requisitos

WHAT YOU BRING TO THE ROLE

- Bachelors Degree in Engineering
- 2+ years related professional experience
- Proficiency with standard software and design/modeling tools
- Experience with tire testing methodologies and performance evaluation
- Solid understanding of automotive standards and OE requirements



Identificação da vaga
REF96205H

Área funcional
Research and Development

Local
Auburn Hills

Nível de liderança
Leading Self

Modalidade de trabalho
Hybrid Job

Pessoa jurídica
Continental Tire the Americas, LLC

- Excellent analytical and problem-solving skills with strong attention to detail
- Experience working with original equipment manufacturers or tier-one automotive suppliers
- Proficiency in data analysis and technical report writing
- Strong organizational and project management skills
- Ability to work effectively in cross-functional team environments
- Knowledge of tire manufacturing processes and constraints
- Continental is able to provide relocation assistance for this opportunity
- Legal Authorization to work in the US is required. We will only sponsor current internal employees for employment visas now or in the future for this job opening.

ADDITIONAL WAYS TO STAND OUT

- 5+ years related professional experience
- Strong knowledge of tire construction, materials science, and performance characteristics
- Experience in tire development, design, or engineering within the automotive industry
- Experience with finite element analysis (FEA) or simulation software
- Familiarity with regulatory standards such as DOT, FMVSS, or equivalent
- Experience with supplier management and vendor coordination

O que oferecemos

THE PERKS

- Immediate Benefits
- Robust Total Rewards Package
- Paid Time Off
- Volunteer Time Off
- Tuition Assistance
- Employee Discounts, including tire discounts
- Competitive Bonus Programs
- Employee 401k Match
- Diverse & Inclusive Work Environment with 20+ Employee Resource groups.
- Hybrid Work
- Employee Assistance Program
- Future Growth Opportunities, including personal and professional

EEO-Statement:

EEO / Disabled / Protected Veteran Employer. Continental offers equal employment opportunities to all qualified individuals, without regard to unlawful consideration to race, color, sex, sexual orientation, gender identity, age, religion, national origin, disability, veteran status, or any other status protected by applicable law. In addition, as a federal contractor, Continental complies with government regulations, including affirmative action responsibilities for qualified individuals with a disability and protected veterans, where they apply. To be considered, you must apply for a specific position for which Continental has a current posted job opening. Qualifying applications will be considered only for the specific opening(s) to which you apply. If you would like to be

considered for additional or future job openings, we encourage you to reapply for other opportunities as they become available. Further, Continental provides reasonable accommodations to qualified individuals with a disability. If you need assistance in the application process, please reply to Careers@conti-na.com or contact US Recruiting at 800-821-2727. This telephone line and email address are reserved solely for job seekers with disabilities requesting accessibility assistance or an accommodation in the job application process. Please do not call about the status of your job application, if you do not require accessibility assistance or an accommodation. Messages left for other purposes, such as following up on an application or non-disability related technical issues, will not receive a call back.

Ready to drive with Continental? Take the first step and fill in the online application.

Quem somos

THE COMPANY

Continental is a leading tire manufacturer and industry specialist. Founded in 1871, the company generated sales of €19.7 billion in 2025 and currently employs around 78,000 people in 54 countries and markets.

Tire solutions from the **Tires group sector** make mobility safer, smarter, and more sustainable. Its premium portfolio encompasses car, truck, bus, two-wheel, and specialty tires as well as smart solutions and services for fleets and tire retailers. Continental has been delivering top performance for more than 150 years and is one of the world's largest tire manufacturers. In fiscal 2025, the Tires group sector generated sales of 13.8 billion euros. Continental's tire division employs more than 56,000 people worldwide and has 19 production and 16 development sites.