



Development Engineer Thermal Management (m/f/x) (f/m/d) Req ID: 302127

Location: Bonn Holzlar, Work time: Fulltime, Contract: Unlimited



Kautex is a global company with over 30 plants in 13 countries. As a Tier One automotive supplier, we navigate and accelerate throughout the automotive industry with ideas being put into motion by those who are driving the future. A pioneer in the design and manufacturing of plastic fuel systems for light vehicles - including hybrid vehicle applications - Kautex is expanding our portfolio to offer smart products. From battery systems for use in hybrid and full battery electric vehicle applications to autonomous vehicle cleaning systems, Kautex is committed to pioneering solutions for the era of new mobility. We also know that sustainability is not just a word for us – because our planet isn't better unless we can be better.

We offer an international, family-friendly, and diverse work environment in which you can help shape the mobility of tomorrow, with some positions offering flexibility in some remote work. Additionally, we have great career development opportunities in the field of new mobility with interesting and challenging projects, as well as various personal and professional trainings.

Development Engineer Thermal Management At Kautex:

What awaits you:

- Exciting product development activities in the area of Battery Thermal Management
- With responsibility for mechanical and thermal component design and system integration in automotive assemblies
- You will (Experimentally) investigate heat transfer and fluid flow on real thermoplastic components
- Carry out prototyping activities for battery cooling components in close collaboration with prototype workshop
- Continuously improve design tools for thermal fluids parts, which accelerates product development activities in a variety of customer projects
- You will actively participate in the ideation process and support in IP related topics.
- Safety of employees is very important to Kautex, therefore any suggestion to improve workplace safety or working practices is very welcome

Your profile

What you'll need to succeed:

- A Technical University Engineering Degree with a focus on thermal fluids and heat transfer or fluid dynamics
- Preferably work experience (internships and thesis work count!!) in automotive with hands-on experience in designing, testing and simulation of thermal systems of electrified powertrains
- Knowledge in: Labview/1D simulation/Ansys Fluent&Discovery is advantageous
- Ability of analytical thinking in finding solutions
- You enjoy working structured and independent in a multinational and -cultural working environment
- Fluent in English and German

Benefits

What we offer:

- International and diverse work environment in which you can help shape the mobility of tomorrow
- Great career development opportunities in the field of new mobility with interesting and challenging projects
- Outstanding team spirit
- Flexible concepts for mobile working
- A variety of personal and professional trainings
- A competitive compensation and benefits package

If you have questions, please do not hesitate to contact Olga Scholl, Manager HR, by email olga.scholl@kautex.com .