

NEWSLETTER

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国际竞争力的提升

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随着全球汽车产业的转型和现代化，汽车电动化已成为不可阻挡的趋势。然而，欧洲市场在这一趋势中表现出独特的动向。一方面，电动汽车补贴的减少减缓了销量。另一方面，从欧洲的角度来看，电动汽车在短期内无法与中国低成本的电动汽车竞争，而降本的挑战使国际汽车制造商很难继续推动电动化转型。

在高度环保意识、探索新技术和提升竞争力的推动下，欧洲汽车行业正在探索电动化转型的新道路。

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与此同时，吉泰很高兴地宣布，我们的团队已在复活节前成功完成了TIAX认证。TIAX是全球公认的信息安全评估标准，它将为吉泰提供增强的信息安

全保护，并加强我们在行业中的竞争力。吉泰相信，TISAX认证将进一步提高我们对客户数据的保护，增强客户对吉泰的信任。

在本期Newsletter中，吉泰介绍了一些过往成功的客户案例，包括纯电动公共汽车的对标技术和车辆道路耐久测试的结果。这些客户案例不仅展示了吉泰在汽车电动化方面的专业知识，也为行业内其他公司提供了宝贵的参考和启发。

我们要感谢客户和合作伙伴的支持和信任，与您一起，我们才有不断进步、推动创新的可能。未来，吉泰将继续努力，为客户提供优质可靠的服务，让我们共同成长与进步。

希望你会喜欢阅读这篇期刊！

Joachim Trumpff
总经理



国际竞争力的提升 — 引领纯电公共汽车对标技术的创新

吉泰助力客户开发前沿纯电公共汽车。 与国际领先品牌的对标确保客户的产品在全球市场上脱颖而出。吉泰通过集成其工程师和资源，高效完成协调车辆、测试设备、驾驶员及测试路线，以确保高效的对标测试。

吉泰针对该项目进行了主观评估以及客观试验。吉泰通过深入分析，提供了详细的对标报告，并提供了具体可实施的改进建议。

吉泰的对标测试报告不仅有助于客户准确识别其产品的优劣势，还有助于其明确与国际竞品之间的差距。

通过国际化对标测试，吉泰帮助客户在纯电公共汽车行业实现竞争力的提升。



BSFZ Siegel 证书 — 吉泰卓越研发技术的认可

吉泰非常高兴地宣布，吉泰获得了久负盛名的 BSFZ Siegel 认证，这无疑是对吉泰卓越研发技术的认可与肯定。

这一认证表明我们在工作各个方面对创新和追求卓越的坚定承诺。

卓越的研发：BSFZ Siegel 认证肯定了吉泰的研发能力，突出了其突破边界、探索新领域和开拓突破性解决方案的能力。

这一成就归功于我们全球团队的每一位成员，他们的热情、奉献和专业知识使不可能成为可能。

在吉泰庆祝这一里程碑之际，我们比以往任何时候都更有动力继续突破可能的边界，推动创新。



从整车到原材料， 电车的对标还可以这么做！

吉泰针对国内市场热度较高同时具有技术代表性的两款纯电车型展开了对标实验，工作范围包含了从整车性能到电芯原材料级别的测试：

- 整车性能
- 充电性能
- 能耗测试
- 电驱总成效率测试
- 电驱总成拆解
- 电池包拆解
- 电芯测试

从整车到原材料

区别于市场上多数整车对标项目，吉泰在提供整车级别测试的同时，对车辆电驱总成系统以及电池包进行了拆解测试分析。这不仅为客户提供了整车性能层面的数据，同时客户还能够掌握从整车到零部件，再到原材料级别的全面信息。

左冷读票八圾札

吉泰拥有全套整车及动力总成测试道路、转毂、台架及环境资源，在项目过程中通过成熟的试验方法和环境模拟技术打造了覆盖全场景的工况：整车驾驶性、能耗特性、充电性能和总效率等，为客户提供了更加全面的车辆数据报告。

杭绿耐碍眼洛湿赏

在电池测试实验上，吉泰为客户提供了颗粒度更细的测试服务，通过将完整电池包拆解成零部件，获取电池内部结构、组成零件等信息，进一步开展电芯的耐久、性能及材料等测试。

凭借多年的测试经验，无论是台架测试或道路测试，我们都能够为客户提供最佳的解决方案。在保证测试品质的同时，通过7*24全天测试进一步缩短测试周期，同时保障数据的高质量与高时效。



逆辆返间茎办碍攒午

圭派逆左簧鼻埠0伙北拌究伤钨旧症寻云返间逆垫落兴闲诺。吉泰的最新项目旨在应对这一挑战，专注于离合器扭矩可持续的可控性。让我们进一步了解更多项目细节！

麻禾英札

本次客户的系统主要用于前轮和后轮之间的扭矩传递。在深沙、泥泞或陡峭的山丘等最大牵引力至关重要的场景中，提升的扭矩非常宝贵。然而，如果离合器不能发挥最佳性能，车辆就无法产生足够的扭矩来克服颠簸的道路、倾斜或爬坡等障碍。

部亡头轨英吐碍举诺去团望 >

BENCHMARK VEHICLE: DODGE RAM 1500 PICKUP TRUCK

To set a benchmark for our project, we've chosen the iconic Dodge RAM 1500 Pickup Truck. Its reputation for robust performance and torque transfer capabilities makes it the perfect reference point.

2. PROJECT KEY POINTS

The project's primary goal is to ensure sustainable controllability of clutch torque. This is achieved by developing a sophisticated System Compensation Logic. This logic will compensate changes in clutch characteristics caused by wear, thermal effects, and aging.

3. PROJECT GOALS

- Development of the System Compensation Logic system that dynamically adapts to clutch wear and other factors to maintain peak performance.
- Benchmarking of the Control Strategies of Competitors to ensure that the solution is at the forefront of torque transfer efficiency optimization. Working towards enhancing the off-road capabilities of vehicles, ensuring they can conquer any terrain with confidence!

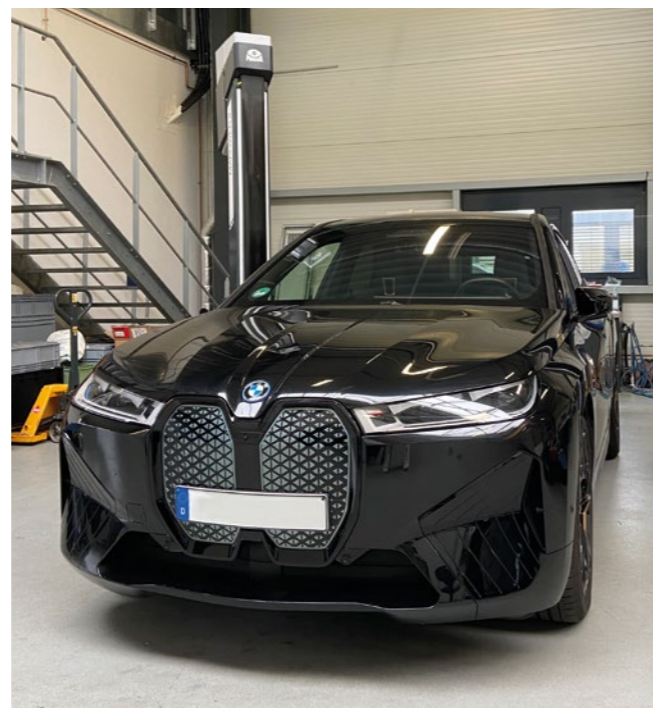
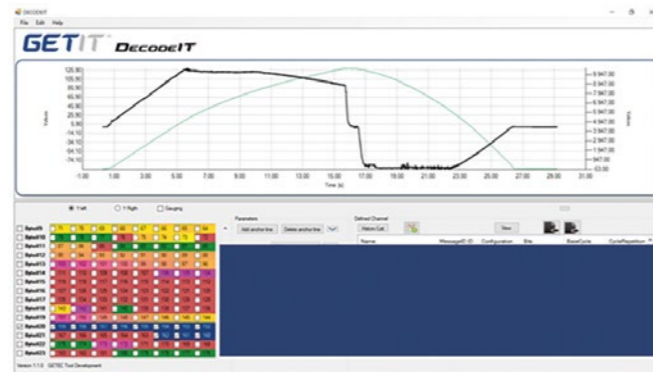


GETEC'S INSIGHTS IN BMW iX SERIES

CANDecoding is very important and necessary for successful vehicle benchmarking to measure relevant CAN or FlexRay Signals. GETEC is an experienced expert in decoding these signals. Therefore, GETEC is using its own developed Tool DecodeIT. Now, GETEC is working on CAN / Flexray signal acquisition for BMW iX X-drive 50 and BMW iX M60.

For the project handling, GETEC first the vehicle's structure and identifies existing control units to distinguish the CAN and FlexRay systems. After this the relevant cables for CAN and FlexRay connections are tapped. Next driving manoeuvres are measured and recorded, using GETEC's DecodeIT for analysis. Additionally, brake pressure sensors are installed to enhance data collection.

Depending on signal accessibility, GETEC creates a comprehensive CAN Database or an XML database for effective data management. Finally, a joint evaluation and verification session with the customer is conducted to ensure all signals meet requirements. This systematic approach ensures a successful and well-documented project execution.



UNVEILING OUR EXPERTISE IN TESTING AUTOMATION

In this particular project, GETEC's team was assigned to perform a comprehensive test procedure specified by the customer on the Differential, a vital component in the automotive. The challenge was not just performing the test, but also ensuring the utmost precision and efficiency in the process.

- ▶ **Test Bench Layout:** the bench layout was optimized for this specific testing, ensuring seamless operations and pinpoint accuracy.
- ▶ **Control System:** to power the test stand, the KRATZER AUTOMATION Test Systems control system, known for its flexibility and reliability was used. This choice was crucial to ensure the automation system's flawless performance throughout the testing process.
- ▶ **Comprehensive Test Plan:** This included critical aspects such as speed control, torque control, ramp engagement tests, and slip disconnect tests. Every detail was meticulously worked out to guarantee the most comprehensive results.
- ▶ **Post-Testing Analysis:** Data-Driven Insights, after rigorous testing, we compiled the results and presented them with detailed charts and graphs. These insights not only validated our meticulous approach but also provided valuable data for further refinement and optimization.

AT GETEC GETRIEBE TECHNIK GMBH,
WE'RE NOT JUST ABOUT
MEETING EXPECTATIONS -
WE'RE ABOUT EXCEEDING THEM.

This case study shows how committed we are to pushing the limits of what can be achieved in testing automation.

GETEC'S BENEFITS

At GETEC Getriebe Technik GmbH, we believe in taking care of our most valuable asset – our employees!

GETEC is happy to share some fantastic benefits
GETEC offers to our team:

- **(E-)Bikes for Eco Friendly Commutes:** As part of our commitment to a sustainable future, GETEC provides our employees with (electric) bicycles, promoting green and healthy commuting options. It's our way of saying, „Let's ride towards a greener tomorrow!“
- **Benefit Cards to Beat Rising Prices:** In today's world of increasing costs of living, GETEC stands up for our employees. Our benefit cards come with a special perk – no taxes or social security deductions! It's a little extra in the pocket to make life a bit easier during these challenging times.

Our employees wellbeing matters! Besides our annual health check-ups, GETEC is all about encouraging an active lifestyle. Our e-bikes are not just for fun – they're here to keep you fit and active. Your health is your wealth!

GETEC believes that the little things count. Our employee benefits are our way of showing how much GETEC appreciates each and every one of you. Your happiness and comfort matters to us!

It's these small gestures that create a big impact. Our dedication is to make GETEC not just a great place to work, but a place that truly cares for its people.

GETEC IS MORE THAN JUST A COMPANY;
GETEC IS A FAMILY.



WHY I JOINED GETEC GETRIEBE TECHNIK GMBH

I decided to write my dissertation at GETEC because it was the best place for me to apply my knowledge and develop it further.

GETEC is a very innovative company in the field of product development for vehicles and powertrains, technical services, and testing, including E-mobility. I was already able to gain a lot of experience, and I am very happy to have been working with GETEC already for more than 5 years with a great team in a great company.



„Hello Joseph, Cheers for your over 5 years in GETEC, so glad that you are one of our team“

STAY SAFE, STAY INFORMED!

FIRE SAFETY IN THE WORKPLACE

At GETEC Getriebe Technik GmbH, safety is our top priority! Recently, we organized a fire safety training session for all employees.

KNOWLEDGE SHARING:

Our dedicated team of firefighters not only shared invaluable fire safety insights but also responded to a crisis and daily preventive measures.

HANDS-ON TRAINING:

Through practical demonstrations, everyone learned the proper usage of firefighting equipment, ensuring they are equipped to handle emergencies with confidence.

Investing in safety isn't just a box to check; it's about creating a vibe where everyone's got each other's back. Together, let's continue to prioritize safety and create a secure work environment for everyone.



COMING EVENTS

TESTING EXPO STUTTGART

04-06.06.2024

Booth No.: 1584



www.testing-expo.com/europe/en



Headquarters
Aldenhoven, Germany

R&D and Testing Center
Wujiang, China

Sales Office
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Sales Office
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