



Choose certainty.
Add value.

Tyre testing

Test your tyres to optimum standards.

Your challenges

Manufacturers that export tyres to the EU face increasingly stringent quality and safety requirements. Following the introduction of EU tyre labels, new regulations now enforce this additional requirement. Today's consumers have become more knowledgeable about tyre safety and efficiency. The EU tyre label makes it easy for customers to compare tyres in terms of wet grip, fuel efficiency and noise. Access to the results of tyre benchmarking tests featured in automotive publications is adding to consumer awareness and sensitivity to tyre safety and performance.

What tyre tests are available?

Tyre testing and assessment services include tests for rolling resistance, energy efficiency, rolling noise and road performance (e.g. braking, handling) on various surface conditions.

Why are these tests important for tyre manufacturers?

Independent tyre tests from a certified test lab are important to evaluate the quality of your product and increase sales. Many of these tests are also mandatory requirements for type approval and tyre labels in the EU. In addition, tyre tests provide important data used for the development of new tyre models.

How can we help you?

TÜV SÜD is a leader in tyre testing. We are the largest independent institute for tyre and wheel technologies in Europe. As a certified test lab for tyre properties, we provide the full scope of tyre tests according to standards, regulations and customer-specified requirements. We also provide tyre benchmarking and the TÜV SÜD tyre test mark for products that meet the required standard of quality and safety.



Our tyre testing services

■ Tyre labelling

TÜV SÜD conducts testing for tyre labelling that is mandatory in Europe. The tests cover wet grip tests, rolling noise measurement and rolling resistance measurement according to the requirements of 1222/2009/EC.

■ Tyre benchmarking

Our tyre benchmarking service involves a comprehensive evaluation of tyres in comparison with competitor products. Benchmarking tests can be done with summer or winter tyres, with the latter conducted through evaluation of tyre performance on snow and ice.

■ Type approval / homologation

Type approval is essential to enter the European market and place your tyre legally on the road. TÜV SÜD provides type approval testing according to the full scope of the ECE regulations no. 117.

■ Tyre characteristics

We conduct assessment of different tyre properties according to customer specifications.

Your business benefits

- **Improve sales revenue** – by establishing the quality of your product with our tyre testing solutions and certifying it with the TÜV SÜD tyre test mark.
- **Gain recognition for your brand** – among original equipment manufacturers and end consumers by leveraging on TÜV SÜD's strong reputation as the leading tyre and wheel testing expert.
- **Improve product quality** – through advanced testing by the highly experienced and skilled TÜV SÜD tyre testing team.
- **Benefit from a complete solution** – with the full scope of tyre and wheel tests provided by TÜV SÜD.

The TÜV SÜD tyre test mark



The TÜV SÜD tyre test mark establishes a clear competitive advantage by enabling customers to quickly identify that your product's quality and performance capabilities

have been evaluated by one of the most recognised names in product safety.

Why choose TÜV SÜD?

TÜV SÜD is a trusted name for tyre and wheel testing. Our experts are highly trained professionals who work extensively with top tyre manufacturers worldwide and are experienced in indoor and outdoor testing. With their strong knowledge of tyre manufacturers' requirements, they have developed robust test procedures that are widely recognised by the industry.

TÜV SÜD operates modern, fully equipped tyre testing facilities that are part of the network of reference tyre testing laboratories in the EU and is nominated as one of the independent reference laboratories for rolling resistance. We are also a member of the European Commission expert group on laboratory alignment for the measurement of tyre rolling resistance.

Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

Related services

TÜV SÜD provides the following related services:

- Vehicle and component testing
- Functional safety services related to ISO 26262
- Integrated quality assurance
- ISO/TS 16949 – Automotive certification scheme
- Automotive-related training
- Wheel testing