

Continental 
The Future in Motion



The EU tire label drives continuous product improvements.

We've been supporting this –
for 140 years.

The EU tire label is coming.

The European Parliament has passed a regulation to introduce a standardized labeling for tires across Europe. Since 1 November 2012, the EU tire label will be compulsory for all tires that are produced after 1 July 2012. The aim is to increase the safety and the environmental and economic efficiency of road transport and to reduce total energy consumption by 20 % by 2020.

The three aspects of efficiency, safety and the environment are shown on the label in the following categories: fuel efficiency, wet grip and external rolling noise. The principle is thus similar to the energy efficiency label that appears on washing machines, fridges and other electrical appliances.

The consumer is therefore able to objectively compare tires and to incorporate this knowledge, along with other criteria, into his purchasing decision. As well as the three label values there are other criteria that are relevant for safety and efficiency. These include, for example, mileage, braking performance on dry surfaces, driving stability and retreadability.

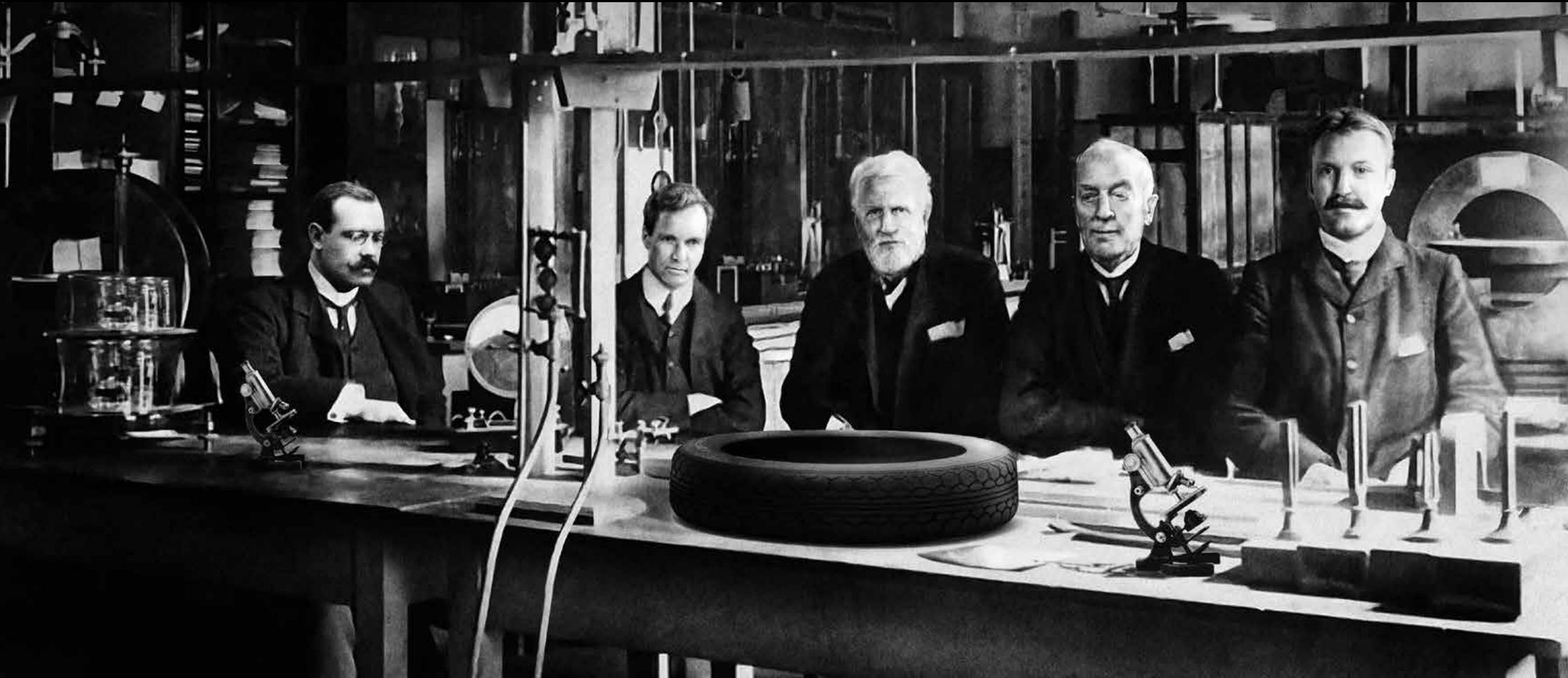
Basic information contained on the EU tire label

Applies to:	All passenger vehicle, van and truck tires
Does not apply to:	All retreaded tires, T-type temporary-use spare tires, tires that are not road legal (e.g. racing tires), professional off-road tires, vintage car tires, studded tires, tires whose speed rating is less than 80km/h, tires whose nominal rim diameter does not exceed 254 mm or is 635 mm or more
Applicable from:	1 November 2012 for tires produced after 1 July 2012
Information requirement:	For commercial vehicle tires, the values shown on the label are also to be shown in all promotional technical material and on the internet. The label will not, as is the case for care tires for example, be affixed to the tires as a sticker

We've been waiting 140 years for this.

Continental welcomes the introduction of the EU tire label. It provides fleet operators and tire retailers with objective, reliable and comparable information on three important tire performance characteristics. For 140 years we have been developing and optimizing our products with regard to efficiency, safety and the environment on an ongoing basis.

Our objective has always been to achieve the lowest overall driving costs for our customers. The EU decision validates us in this approach and also supports us in setting milestones in tire development and in producing technologically advanced tires.



Differences in tire performance – visible at a glance

The EU tire label grades truck tires in three categories:

Fuel efficiency / rolling resistance

Fuel consumption from A (low) to G* (higher)

The rolling resistance significantly influences a truck's fuel consumption and thus plays an important role from an economic and ecological point of view. This is because low fuel consumption has a positive effect on the carbon footprint of the vehicle.

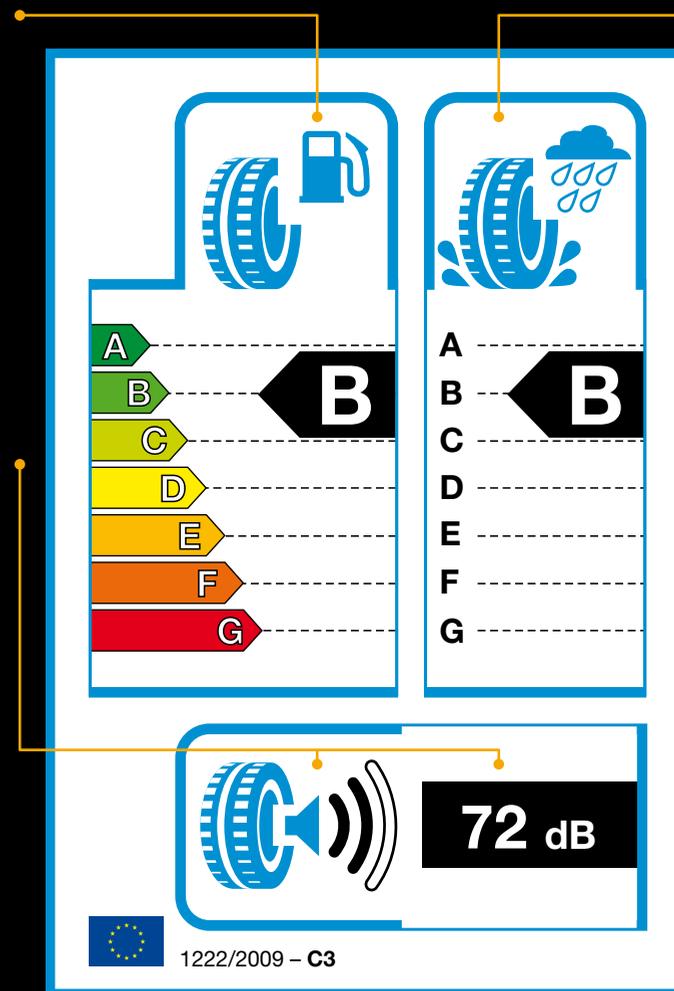
Savings up to 3.5 l/100 km can be made between two classes (e.g. B and C).

External rolling noise/noise emission

Sound level from 1 (quiet) to 3 (louder) sound waves

The rolling noise of a truck tire contributes to traffic noise and thus environmental noise pollution. As well as the measured value in decibels, the label will show the noise level in classes of between one and three sound waves. Three sound waves indicate tires that exceed the limit which will be in force from 2016. Tires with two sound waves are below this future limit, with one sound wave they are below it by more than 3 dB.

A change to the sound level by 10 dB equates to the volume being halved or doubled.



Wet grip/braking performance

Braking distance in wet weather conditions from A (short) to G* (longer)

Wet grip is one of the most important safety properties of a tire. A good value means a short braking distance on a wet road.

Improvement by one class means a reduction of the braking distance by 5 to 10 meters in the event of full braking from 80 km/h. In an emergency, every meter counts and could be the crucial factor in avoiding an accident.

* G is not used

The EU tire label pictured is an example only, the category ratings shown are examples.

Our concept for your lowest overall driving costs.

The three categories dealt with by the EU tire label relate to efficiency, safety and the environment. These have been at the forefront of Continental tire development for 140 years.

To achieve the objective of developing a balanced tire that performs outstandingly in all areas, more tire properties must of course be taken into consideration. Mileage, braking performance on dry roads, vehicle stability and longevity, to name but a few. A Continental Truck Tire features the perfect balance of all properties, meaning that it is not only exceptionally safe, but is also as efficient as possible when on the move – this is the only way to achieve the lowest overall driving costs.

Safety

- › Wet grip
- › Dry grip
- › Durability
- › Traction

Wet, slippery roads, rough maintained road surfaces, steep inclines, icy conditions – just some of the challenges modern tires face. It is therefore vitally important to fit the right tire – not only for safe driving, but also to avoid tire damage and unnecessary costs.



Economy

- › Fuel saving
- › Mileage
- › Retreadability
- › Durability

Economically efficient tires combine a multitude of properties. In terms of efficiency, reducing rolling resistance in order to reduce fuel consumption is just as important as optimizing the tread design to increase mileage.

Continental Truck Tires are designed to give the best balance in terms of long service life and excellent fuel efficiency.

Environment

- › Rolling noise
- › Mileage
- › CO₂ saving
- › ContiLifeCycle

Continental has been committed to sustainability and reducing the environmental impact of its products for many years. Good wear properties, long service life, reduced noise and good fuel efficiency are all important factors. And with the introduction of ContiLifeCycle, further environmental and cost benefits are achievable.

LODC - Lowest Overall Driving Costs

Only the perfect balance of all tire properties leads to the lowest overall driving costs.

The EU tire label and your lowest overall driving costs.

The new label provides you with information on the tire performance in three categories. But how do you work with this? Which performance criteria is most important? How relevant is the information on the label for the everyday running of your fleet? This depends on how your tires are used.

Goods	<p>In the Goods segment, it is primarily the fuel efficiency and thus the rolling resistance shown on the label that are important. However, other tire performance criteria are also important for the efficiency of the fleet, such as high mileage and good retreading capability.</p>
People	<p>The People segment focuses predominantly on tire performance criteria relevant to safety, such as braking performance and driving stability. As such, it is predominantly the wet grip on the tire label that is relevant. In general, however, fuel efficiency and comfort are also important here.</p>
Construction	<p>For tires in the Construction segment, robustness and grip as well as cost-related criteria such as mileage and retreading capability are the most important. The properties shown on the label play a subordinate role in this segment.</p>



Relevance of the EU tire label				Other tire performance criteria that contribute to your lowest overall driving costs
Motorway	●	●	○	<ul style="list-style-type: none"> › Mileage › Retreadability › Safety › Minimum downtime › Durability
Regional	○	○	○	
On/Off	·	○	·	
Coach	●	●	○	<ul style="list-style-type: none"> › Comfort › Fuel saving › Mileage › Durability › Retreadability
Intercity	○	●	○	
Urban	·	●	○	
Regional	○	○	·	<ul style="list-style-type: none"> › Durability › Traction › Mileage › Retreadability › Minimum downtime
On/Off	·	○	·	
Off	·	·	·	

● very relevant ○ relevant · less relevant

Find out more online: the EU tire label generator

Find out more about the label values of Continental Truck Tires online: comprehensive, clear and accessible at all times. With the label generator you can quickly and easily find the appropriate EU tire label values for your Continental tires.

Visit our label generator online at:

www.continental-truck-tires.com/labelgenerator



6ACH4.en 2015.03

Continental Reifen Deutschland GmbH
Büttnerstraße 25
30165 Hannover
Germany

www.continental-truck-tires.com/labelgenerator

www.continental-truck-tires.com

www.continental-corporation.com