



## Conti EcoPlus HT3 +

Special Size. Specially Designed for E-Trailers.

[www.continental-tires.com](http://www.continental-tires.com)

# Conti EcoPlus HT3 +

## Pioneering sustainability in the tire industry

- › Mobility is in a process of reinvention. Electric vehicles represent an important part of this process, playing a key role worldwide in developing climate-friendly and future-proof mobility. Electric vehicles produce less climate-impacting CO<sub>2</sub>, especially when charging with electricity generated from renewable sources.
- › Sustainable and safe electric commercial vehicles require tires able to meet the challenges they present. To this end, Continental has pooled its expertise, focused its tire development work on the new requirements from the outset and is gaining valuable experience through collaborations and real-world testing.
- › Continental firmly believes that sustainable and responsible business enhances its innovative prowess and future viability, creating additional value in the process. As such, we now extend our expertise in e-mobility to deliver maximum performance in a new category: Tires for trailers with electric axle (e-axle).



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## Collaborative development

- › Trailer manufacturer Krone and technology start-up Trailer Dynamics have created the 'eMega Liner' electrified trailer, with a prototype tire specially designed by Continental.
- › By electrifying the trailer axle, the tractor is supported in moving the goods. However, a trailer with e-axle delivers drastically different vehicle forces onto the tire, including torque and recuperation, which requires special tire design considerations.
- › Using an e-trailer, long haul transport becomes more efficient with significant CO<sub>2</sub> reduction, improved fuel efficiency, increased driving range, and reduced operating costs for fleets – but only if the tires can rise to the challenge.



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## Tire prototype for e-trailers

- › Trailers with e-axles deliver drastically different vehicle forces onto the tire compared to 'free rolling' conditions.
- › Now, Continental is developing the ideal tire for e-trailers with special design considerations:
  - › balancing traction, fuel efficiency and mileage performances to deliver the lowest overall driving costs for fleets
  - › simplified tire management using one tire for e-trailer fitment, mounted on both the free rolling axles and the driven e-axle



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## Tire prototype for e-trailers

- › New size for trailer tires, 355/50 R 22.5, delivers the best balance of weight capacity and height restriction
- › Designed to withstand high driving torque and regenerative braking forces while maintaining even wear
- › Increased robustness and load carrying capacity thanks to a reinforced belt package



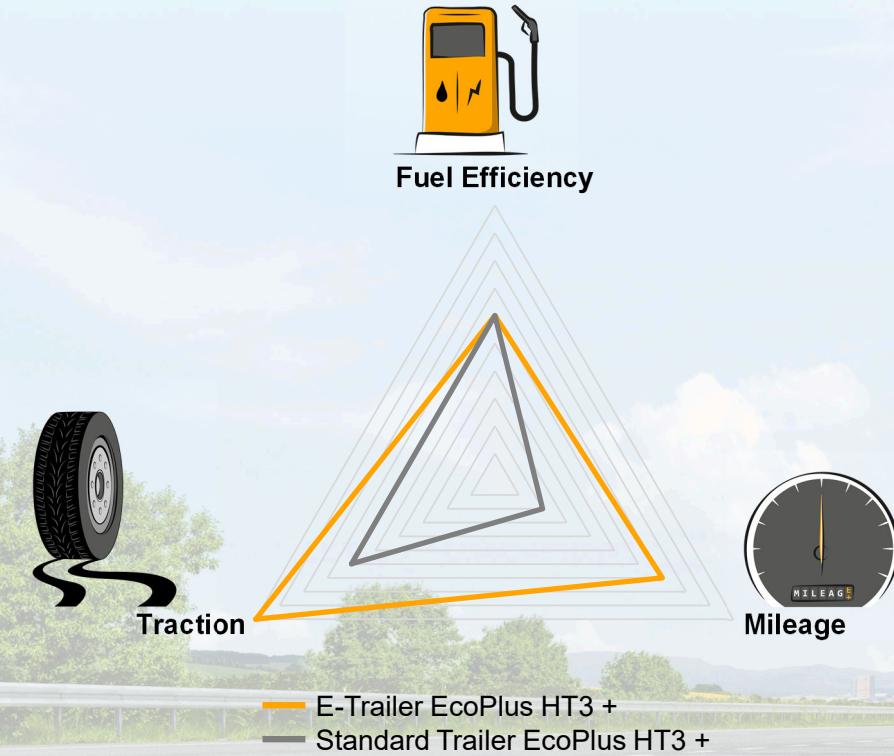
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## Tire prototype for e-trailers

- › Continental has incorporated an exclusive combination of features to deliver the lowest overall driving costs for fleets:
  - › Special full depth sipes for traction performance over lifetime, even in snowy conditions
  - › Substantially increased mileage potential
  - › Together with the outstanding fuel efficiency you have come to expect from Continental's EcoPlus tire line



### Tire Performance on E-Trailer Application



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## Meeting our future sustainability targets today

- Continental has always been a pioneer of sustainability in the tire industry. Sustainability plays an ever-increasing and important role in the world of industry – a trend that Continental has supported and helped to shape over many years. After all, sustainable and responsible business is an integral part of our corporate strategy and business development mentality.
- Our ambition is clear:  
we want to become the most progressive tire company in terms of environmental and social responsibility by the year 2030.



**Continental**   
The Future in Motion