

Goodyear KMAX GEN-2

Goodyear KMAX GEN-2 is a new range of steer and drive truck tyres delivering premium-class mileage; enabling predominately regional fleets to optimise tyre life and overcome challenging road conditions.

KMAX GEN-2 delivers the same high mileage benefits as its predecessor with the extra benefit of improved traction.

The Goodyear KMAX GEN-2 range comprises 9 sizes of the KMAX S GEN-2 steer tyre and 7 sizes of the KMAX D GEN-2 drive tyre.

Winter performance



All tyres in the range carry the Three Peak Mountain Snow Flake (3PMSF) marking, demonstrating a performance level compliant with the current strictest winter tyre legislation in European countries.

Identification and Connectivity



Connectivity for tyre management and tracking systems is integrated in all tyres thanks to radio frequency identification (RFID). By communicating with a cloud network on an individual serial number level, efficient tyre flow management is achieved. RFID is also a deterrent to thieves as these tyres can be traced.

KMAX S GEN-2

Overview

The KMAX S GEN-2 is a steer tyre developed for optimal mileage with 3PMSF compliance ensuring all season performance and enhanced traction and will be available in 9 sizes.

Sizes

- 295/80R22.5 KMAX S GEN-2 HL 154/149M
- 315/80R22.5 KMAX S GEN-2 156/150L 154/150M
- 315/70R22.5 KMAX S GEN-2 HL 156/150L
- 385/65R22.5 KMAX S GEN-2 160K 158L
- 295/60R22.5 KMAX S GEN-2 150/147K 149/146L
- 315/60R22.5¹ KMAX S GEN-2 HL 154/148L

¹ Currently under development

² Depending on size and type

³ Grades are not yet available for the sizes under development



- 385/55R22.5 KMAX S GEN-2 160K 158L
- 355/50R22.5¹ KMAX S GEN-2 HL 156K
- 375/45R22.5¹ KMAX S GEN-2 156L

Tread design and IntelliMax Rib Technology

KMAX S GEN-2 tyres feature two tread designs with five ribs or six ribs depending on size, and sharing the following innovative design features and benefits:



- The Goodyear tread technology featured in this tyre is IntelliMax Rib Technology with Flexomatic sipes. Stiffer bridges in the centre grooves connect as the tyre rolls through its footprint, creating a stiffer form and limiting wear for precise handling and high mileage.



- The Flexomatic sipes also stiffen the blocks as the tyre rotates, ensuring short braking distances throughout tyre life. This gives high mileage and combined with fuel-saving low rolling resistance.

Casing shape



The KMAX S GEN-2 has an optimised casing shape that provides a constant and regular footprint in a wide range of load conditions and throughout the tyre life. This ensures regular tread wear, especially in the shoulders, and high mileage over the full service life.

Tread compound



The chemical formulation and polymer network of the tread compound used in KMAX S GEN-2 tyres ensure cool running and high abrasion resistance. The compound provides low rolling resistance and optimised treadwear performance ensuring high mileage and fuel efficiency.

EU Tyre Label Grades

The KMAX S GEN-2 steer tyre sizes achieve³ EU Tyre Label Grades 'B' or 'C' for Fuel Efficiency 'B' for Wet Grip and a single or twin wave for exterior noise level depending on size.

¹ Currently under development

² Depending on size and type

³ Grades are not yet available for the sizes under development



KMAX D GEN-2

Overview

The KMAX D GEN-2 is a directional drive tyre with a dual tread compound developed for optimized mileage performance with no compromise on traction throughout the tyre life. Even at 75% worn, the KMAX D GEN-2 has significantly more traction potential and significantly higher siping density remaining than its predecessor the KMAX D. Regular footprint pressure distribution is another important feature for modern vehicles which see increasing variations in payload.

The overall benefits of the KMAX D GEN-2 range are up to

- 25% better all-weather capability,
- 15% more damage resistance
- 5% higher fuel efficiency²

Sizes

- 295/80R22.5 KMAX D GEN-2 152/148M
- 315/80R22.5 KMAX D GEN-2 156/150L 154/150M
- 315/70R22.5 KMAX D GEN-2 154/150L 152/148M
- 295/60R22.5 KMAX D GEN-2¹ 150/147K 149/146L
- 315/60R22.5 KMAX D GEN-2 152/148L
- 295/55R22.5 KMAX D GEN-2¹ 147/145K
- 315/45R22.5 KMAX D GEN-2¹ 147/145L

¹ Currently under development

² Depending on size and type

³ Grades are not yet available for the sizes under development



Key Features & Benefits

Tread design



The directional tread design of the KMAX D GEN-2 features sipes and grooves with a greater depth than those of the KMAX D, providing more extensive traction potential throughout tyre life. Large shoulder grooves increase traction and effectively evacuate water and mud. Improved casing protection and durability are achieved by a design that provides dynamic stone ejection, where the grooves open under torque releasing trapped stones that could otherwise drill into the casing.

Casing shape



The casing has been adapted to provide stable contact pressure over the whole tyre life giving high mileage and regular wear in a wide range of applications and load conditions throughout the life of the tyre.

Tread compound



A key feature of the KMAX D GEN-2 is dual tread compound, combining two layers of specialised rubber compounds in the tyre tread. The top compound provides high abrasion resistance with the base compound offering low rolling resistance for high mileage combined with fuel efficiency and excellent casing durability.

EU Tyre Label Grades

KMAX D GEN-2 drive tyres achieve EU Tyre Label Grades 'C' or 'D' for Fuel Efficiency, 'B' or 'C' for Wet Grip and a single wave for exterior noise level, depending on size³.

Following information is available on news.goodyear.eu

- New KMAX GEN-2 and FUELMAX GEN-2 Truck Tyre Ranges Press Release
- Goodyear Total Mobility Value Proposition Overview

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² Depending on size and type

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