



Goodyear FUELMAX PERFORMANCE

Fact Sheet

Goodyear FUELMAX PERFORMANCE is a new range of steer and drive tyres delivering top-class fuel efficiency, enabling long haul fleets to optimise fuel savings, as well as supporting truck manufacturers in meeting increasingly ambitious EU CO2 legislation.

Goodyear FUELMAX PERFORMANCE is the perfect choice for fleets operating almost exclusively on long-haul routes.

The extremely low rolling resistance is achieved by using full silica tread compound technology - used for the first time in Goodyear commercial vehicle tyres - and innovative features in the tread design.

The Goodyear FUELMAX PERFORMANCE range comprises two sizes of FUELMAX S PERFORMANCE steer tyres and one FUELMAX D PERFORMANCE drive tyre.

These tyres achieve EU Tyre Label Grade 'A' for Fuel Efficiency and carry the Three Peak Mountain Snow Flake (3PMSF) marking to show that they comply with the strictest winter tyre legislation.

Connectivity for tyre management and tracking systems is integrated in all tyres thanks to radio frequency identification (RFID). This also allows fast and simple identification of tyres, which can also act as a deterrent to thieves.

FUELMAX S PERFORMANCE

Overview

The FUELMAX S PERFORMANCE is a steer tyre developed for optimal fuel efficiency with low heat generation and low rolling resistance for long haul highway applications. 'A' grade EU Label Fuel Efficiency and 3PMSF winter performance are significant features of this tyre, which is available in the two most popular sizes.

Sizes

- 315/70R22.5 FUELMAX S PERFORMANCE 156/150L
- 385/55R22.5 FUELMAX S PERFORMANCE 160K158L



Tread compound

FUELMAX PERFORMANCE are the first Goodyear commercial vehicle tyres to feature full silica tread compound technology. The compound and industry-leading technology are used in both steer tyres to ensure low heat generation and low rolling resistance for long haul applications with optimal fuel economy. Low fuel consumption combined with high level of wet grip are key benefits from the chemical formulation and polymer network of the innovative full silica technology tread compound.

Tread design

The FUELMAX S PERFORMANCE steer tyre treads feature five ribs on size 315/70R22.5 and six ribs on size 385/55R22.5 to achieve the high levels of performance met by these tyres.

On both tyres, the tread grooves are optimised for water distribution and regular wear. The full rib pattern is maintained until tread life end and the deep sipes ensure that wet braking performance is maintained well into the life of the tyre. This siping depth also contributes to the tyres' 3PMSF compliance as well as maintaining grip.

The technology used in the construction of these tyres ensures extremely regular footprint pressure distribution across the tread surface. This provides for regular wear and high mileage under all load conditions encountered in long haul service.

RFID identity

An RFID tag is embedded inside each tyre. This allows simple identification by an external device that links to a tyre management system.

EU Tyre Label Grades

Both FUELMAX S PERFORMANCE steer tyre sizes achieve EU Tyre Label Grade 'A' for Fuel Efficiency, Grade 'B' for Wet Grip and a single wave indicating low exterior noise level of 71 dB.

Winter tyre performance

These tyres all meet full Three Peak Mountain Snow Flake (3PMSF) winter tyre compliance.

FUELMAX D PERFORMANCE

Overview

The FUELMAX D PERFORMANCE is a drive tyre developed for optimal fuel efficiency with low heat generation and low rolling resistance in long haul highway applications. Like the steer version, this tyre has 'A' grade EU Label Fuel Efficiency and 3PMSF winter performance.



Size

315/70R22.5 FUELMAX D PERFORMANCE 154L152M

Tread compound

Like the steer versions, the tread of the FUELMAX D also has a full silica tread compound for low fuel consumption combined with high levels of wet grip.

Tread design

IntelliMax Groove Technology is a key feature of the drive tyre ensuring high levels of traction are maintained well into the tyre's life. Open tread shoulders assist traction and cleaning, and regular footprint pressure gives long life.

IntelliMax Groove Technology comprises 'hidden' grooves that are moulded into the tread during manufacture. As the tread wears towards 60% of its original depth, the 'hidden' grooves gradually appear ensuring that an effective tread pattern remains throughout the tyres' service life. This ensures a high level of traction, and that water is efficiently evacuated, while maintaining a low rolling resistance.

The tread further features 16 measuring windows placed either side of the centre ribs providing full depth visibility at any position around the tyre and making tyre inspection more efficient.

The technology used in the construction of these tyres ensures extremely regular footprint pressure distribution across the tread surface. This provides for regular wear and high mileage under the load conditions regularly encountered in typical long-haul service.

RFID identity

An RFID tag is embedded inside each tyre. This allows simple identification by an external device that links to a tyre management system.

EU Tyre Label Grades

The FUELMAX D PERFORMANCE drive tyre achieves EU Tyre Label Grade 'A' for Fuel Efficiency, Grade 'B' for Wet Grip and a single wave indicating low exterior noise level of 73 dB.

Winter Tyre Performance

The FUELMAX PERFORMANCE drive tyre also meets the full Three Peak Mountain Snow Flake (3PMSF) winter tyre legislation. The FUELMAX D PERFORMANCE has an excellent blading density with blading present throughout tyre life. Traction under winter conditions throughout the tyre's life is a further benefit.

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