BROCHURE MICHELIN REMIX® 2025

# OPTIMIZE YOUR MICHELIN CASINGS


Since 1923, Michelin has pioneered the retreading of Truck tyres.

In 2023, Michelin celebrated 100 YEARS of retreading Truck tyres in Europe.

## UP TO 100%(1) MORE MILEAGE

*LOWER MILEAGE COSTS*

(1) The tread compound and pattern of MICHELIN REMIX® tyres are largely the same as those used for new MICHELIN tyres. 90% of the MICHELIN REMIX® tyre range is manufactured using the same mould and the same materials as new MICHELIN tyres and therefore perform equally well.
According to internal tests conducted by the Michelin Research and Technology centre and customer testimonials collected in Europe since 2015.

MICHELIN

# MICHELIN REMIX

## BUSINESS EFFICIENCY
### REDUCE YOUR OPERATING COSTS

**ENJOY THE BENFITS OF A PREMIUM CASING**
- Up to 100% more mileage[1]
- Approximately 9 out of 10 MICHELIN casings are accepted for MICHELIN REMIX® retreading[2]
- Some MICHELIN sizes and profiles allow for a 2nd MICHELIN REMIX® retreading[3]

**REGROOVABLE**
Maximize your fuel efficiency and improve your mileage potential[4]

**EASIER FLEET MANAGEMENT**
With its extensive catalogue of treads, Michelin helps you adapt to changes in your vehicle usage

**A MICHELIN REMIX® RETREADED TYRE IS 40% CHEAPER**
than an equivalent new tyre[5]

## SAFETY
### MAINTAIN QUALITY AND RELIABILITY

**MICHELIN REMIX® RETREADED TYRES USE MICHELIN MATERIALS,**
Long Lasting Performance technologies and MICHELIN manufacturing procedures

**SAME KEY PERFORMANCES AS NEW MICHELIN TYRES**
With MICHELIN REMIX® retread tyres you have the same main characteristics in terms of safety, traction and grip as MICHELIN new tyres[1]

**MULTIPLE CHECK POINTS**
Professionals who have completed a 2-year certificate course check each retreaded tyre.
. X-ray examination,
. Shearography,
. RFID reading,
. Inspection for distortions,
. Detection of micro-perforations,
. Final test when inflated to 10 bar pressure

## ECOLOGY
### PROTECT THE ENVIRONMENT

**50 KG[6] RAW MATERIALS SAVED PER TYRE ON AVERAGE, AND LESS WASTE TO PROCESS**
MICHELIN REMIX® retreading only requires an additional 20 kg of raw materials on average, equivalent to a saving of 70% compared with the production of a new MICHELIN tyre

**CERTIFIED TRACEABILITY AND SIMPLIFIED MANAGEMENT**
All of the MICHELIN REMIX® plants are ISO 9001 and ISO 14001 certified, guaranteeing optimum quality management and environmental performance

**115 KG OF $CO_2$ SAVED[7]**
thanks to savings in raw materials linked to retreading

(1) The tread compound and pattern of MICHELIN REMIX® tyres are largely the same as those used for new MICHELIN tyres. 90% of the MICHELIN REMIX® tyre range is manufactured using the same mould and the same materials as new MICHELIN tyres and therefore perform equally well. According to internal tests conducted by the Michelin Research and Technology centre and customer testimonials collected in Europe since 2015.

(2) Over 473,000 casings studied between 2015 and 2018. Data collected in the United Kingdom by TRS, an independent British collector of casings - calculation of the acceptance rate for retreading, by casing brand, for a first retreading. Calculation performed by Michelin on the basis of these elements, and from the number of casings at the end of their first life considered as acceptable for retreading, by brand, divided by the number of casings at the end of their first life.

(3) Contact your Michelin representative or tyre retailer for more details.

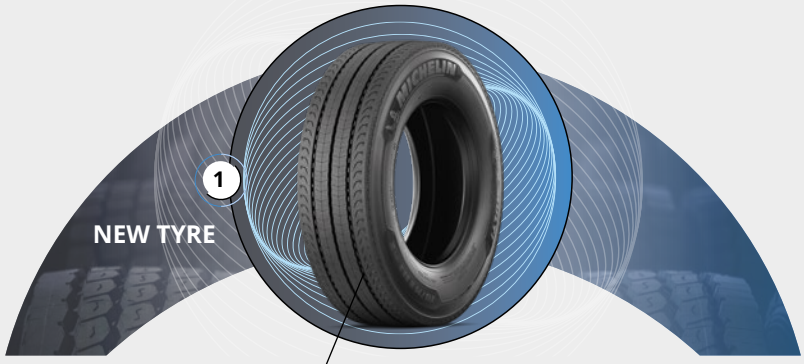
(4) Compared to a worn non-regrooved MICHELIN tyre. Elements based on the TNPF [French tyre manufacturers' federation] recommendations in 2019, according to which the regrooving of tyres reaching their wear limit increases tyre life by using all the available rubber.

(5) Michelin internal study performed in 2022 using a European-wide competitiveness analysis tool, comparing a new MICHELIN tyre and a MICHELIN REMIX® tyre.

(6) In terms of material savings, the average weight of a new MICHELIN tyre is 70 kg*. The weight of a tyre ready to be retreaded weighs 50 kg** on average.
*Internal study based on the MICHELIN truck tyre sizes most sold on the European market: 315/80 R 22.5, 315/70 R 22.5 and 385/65 R 22.5.
**According to a TNPF publication from 2023: "retreading, which, by reusing the casing that represents approximately 70% of a tyre's weight" (sic). As a result, 70% of 70 kg = approximately 50 kg.

(7) The $CO_2$ savings from the Michelin multi-life model are also accentuated by the raw material savings linked to retreading. In terms of material savings, the average weight of a new MICHELIN tyre is 70 kg*. The weight of a tyre ready to be retreaded weighs 50 kg** on average. The $CO_2$ impact from a retreaded tyre is linked to the material savings, i.e. 50 kg of raw materials saved, or 115 kg of $CO_2$ at a rate of 2.3 kg of $CO_2$ *** per kg of raw materials.
*Internal study based on the MICHELIN truck tyre sizes most sold on the European market: 315/80 R 22.5, 315/70 R 22.5 and 385/65 R 22.5.
**According to a TNPF publication from 2023: "retreading, which, by reusing the casing that represents approximately 70% of a tyre's weight" (sic). As a result, 70% of 70 kg = approximately 50 kg.
***The emissions factor of 2.3 kg of $CO_2$ for 1 kg of tyre comes from the life cycle assessment calculations for the cradle to gate production of a tyre, conducted internally by Michelin using the calculation rules developed by the tyre manufacturing profession (via the global body, the Tire Industry Project (TIP), which brings 10 tyre manufacturers together around sustainable development themes). It includes the extraction of raw materials, transportation, manufacturing, and distribution stages. Source: UL Environment Standard, "Product Category Rules for preparing an Environmental Product Declaration for the product category: Tires", v3.05, February 2022. Thus 50 x 2.3 = 115 kg of $CO_2$.

# THE BENEFITS OF MICHELIN MULTI-LIFE TYRES





## 1ST REGROOVE

- Up to 5% less fuel(1)
- Up to 25% more mileage(2)
- Safety and grip(3)
- Save up to 251 kg of $CO_2$(4)


## 1ST RETREAD

- Up to 100% more mileage(5)
- Save up to 115 kg of $CO_2$(6)

MICHELIN REMIX


## 2ND REGROOVE

- Up to 5% less fuel(1)
- Up to 25% more mileage(2)
- Safety and grip(3)
- Save up to 251 kg of $CO_2$(4)

MICHELIN REMIX

(1) 5.4% save in fuel consumption: internal study carried out at the Michelin test tracks in Ladoux (France) on 5 May 2021, under DEKRA supervision (report No. 21CPAEXT-030). For the comparison between new tyres and regrooved tyres (R5 mm), two identical Volvo FH500 trucks were used, fitted with 315/70 R 22.5 MICHELIN X® Line Energy™ Z2 & D2 tyres and each towing a fully loaded (40 tonnes) Schmitz Cargobull trailer fitted with 385/55 R 22.5 MICHELIN X® Line Energy™ T tyres at identical pressures (8.5 b, 7.5 b and 9.0 b). Results may vary depending on weather conditions, road type, tyre size and driving style.

(2) Compared to a worn non-regrooved MICHELIN tyre. Information based on the recommendations made by the French tyre manufacturers' federation (TNPF) in 2019, according to which the regrooving of worn tyres increases tyre life by using all the available rubber.

(3) On wet ground, regrooved tyres offer approx. 10% greater transverse grip and traction compared to the same worn tyres. Internal study carried out by Michelin on a polished concrete track at Ladoux (France) in 2010; results may vary depending on the actual conditions of use.

(4) The $CO_2$ savings from the Michelin multi-life model, are accentuated thanks to the fuel savings linked to regrooving (up to 5.4%(1)). According to a study under real conditions of use (using 315/70 R 22.5 tyres fitted to the drive and steering axles of a 4x2 truck used for international and national long distance, that have exceeded 50% wear), the average mileage for MICHELIN X® Line Energy™ Z2 and MICHELIN X® Line Energy™ D2 tyres is 232,200 km before regrooving* (*Michelin internal source and calculation, based on measurements taken by the Michelin teams during customer inspections on 488 axles, in Austria, Belgium, Croatia, the Czech Republic, France, Germany, Greece, Hungary, Italy, the Netherlands, Poland, Portugal, Romania, Serbia, Slovenia, Spain, and Turkey, over the period from 2020 to 2023), with a simulation based on the results collected suggesting extrapolation of the lifespan until 3 mm remains. The results may vary depending on the weather and road conditions. The view is that our tyres travel up to 25%(2) further thanks to regrooving, i.e. 58,050 km (232,200 x 25%). The fuel savings are calculated over the distance travelled by the regrooved tyres (58,050 km) at an average consumption of 29.5 L/100 km for new tyres and 27.91 L/100 km for regrooved tyres (source: DEKRA report No. 21CPAEXT-030). 29.5 x 5.4%, i.e., a saving of 1.59 L/100 km for an articulated truck and tri-axle trailer (thus 12 tyres) Consequently, there is a saving of 0.13 L/100 km per tyre (1.59 L/12), i.e., 0.13 L x 58,050 km/100 = 77 litres of fuel saved when driving on regrooved tyres, thus a saving of 77 litres of diesel x 3.24 kg of $CO_2$ = 251 kg of $CO_2$. The emissions factor of 3.24 kg of $CO_2$ for 1 litre of diesel comes from the life cycle assessment conducted by ADEME for pure diesel. It includes emissions during the diesel production stages (17%) and during its combustion (83%). Source: ADEME. Base Empreinte, Étude Carbone, Version 22.0.0, 02/08/2022. Thus 77 x 3.24 kg of $CO_2$ = 251 kg of $CO_2$.

(5) The tread compound and pattern of MICHELIN REMIX® tyres are largely the same as those used for new MICHELIN tyres. 90% of the MICHELIN REMIX® tyre range is manufactured using the same mould and the same materials as new MICHELIN tyres and therefore perform equally well. According to internal tests conducted by the Michelin Research and Technology centre and customer testimonials collected in Europe since 2015.

(6) The $CO_2$ savings from the Michelin multi-life model are also accentuated by the raw material savings linked to retreading. In terms of material savings, the average weight of a new MICHELIN tyre is 70 kg*. The weight of a tyre ready to be retreaded weighs 50 kg** on average. The $CO_2$ impact from a retreaded tyre is linked to the material savings, i.e. 50 kg of raw materials saved, or 115 kg of $CO_2$ at a rate of 2.3 kg of $CO_2$*** per kg of raw materials.

*Internal study based on the MICHELIN truck tyre sizes most sold on the European market: 315/80 R 22.5, 315/70 R 22.5 and 385/65 R 22.5.
**According to a TNPF publication from 2023: "retreading, which, by reusing the casing that represents approximately 70% of a tyre's weight" (sic). As a result, 70% of 70 kg = approximately 50 kg.
***The emissions factor of 2.3 kg of $CO_2$ for 1 kg of tyre comes from the life cycle assessment calculations for the cradle to gate production of a tyre, conducted internally by Michelin using the calculation rules developed by the tyre manufacturing profession (via the global body, the Tire Industry Project (TIP), which brings 10 tyre manufacturers together around sustainable development themes). It includes the extraction of raw materials, transportation, manufacturing, and distribution stages. Source: UL Environment Standard, «Product Category Rules for preparing an Environmental Product Declaration for the product category: Tires», v3.05, February 2022. Thus 50 x 2.3 = 115 kg of $CO_2$.

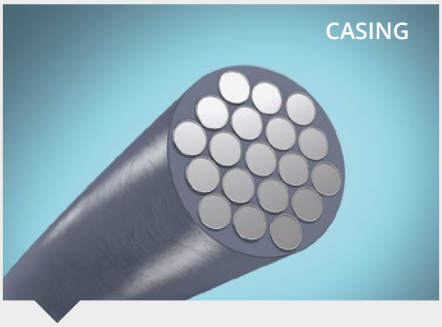
# FACTS FOR IMPACTS


Study performed on over 473,000 casings between 2015 and 2018. Data collected in the United Kingdom by TRS, an independent collector of casings, calculating the acceptance rate of retreaded tyres by brand, for a first retread. Internal MICHELIN calculation performed on the number of casings at the end of their first life, by brand, and considered to be "acceptable" for retreading, divided by the number of casings at the end of their first life. Competitor average calculated using data for each competitor from the same study: Goodyear 57%, Dunlop 55%, Continental 53%, Bridgestone 50%, Fulda 44%, Sava 43%, Firestone 33%, Pirelli 20%.


Testimonial from Transports ARA received (by post) in May 2016. Tested in real conditions on 46 trucks used entirely for goods transportation in Italy, equipped with MICHELIN X® Line D or MICHELIN X® Multiway 3D XDE tyres.


Testimonial received (by post) from Bioret Group on 17/01/2020. Tested in real conditions of use on 1,000 vehicles equipped with MICHELIN X® Line Energy™ 315/70 R 22.5, driving in France and Europe.

# MICHELIN CASINGS INCORPORATE TECHNOLOGIES THAT BOOST THEIR RETREADABILITY

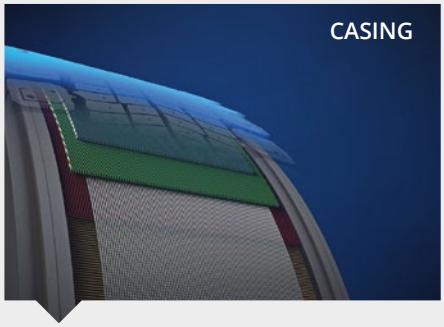



## POWERCOIL:
**improved casing durability.**

- Next-generation steel cords are more rugged and oxidation-resistant.


## DURACOIL:
**reinforced heel for greater durability.**

- Premium nylon protects the structure of the tyre area in contact with the wheel.




## INFINICOIL:
**reinforced casing for greater stability and safety.**

- A continuous steel wire – which can be as long as 400 metres wrapped around the tyre to provide it with greater stability throughout its lifetime.


# 100 YEARS of innovation serving the pros!

# RANGE MICHELIN REMIX

| SIZE | POSITION | PATTERN | WINTER MARKINGS | LOAD/SPEED INDEX |
|---|---|---|---|---|
| **X LINE** | | | | |
| SEAT 17.5 | | | | |
| 215/75 R 17.5 | T | MICHELIN X® Line Energy™ T | | 135/133J |
| 235/75 R 17.5 | T | MICHELIN X® Line Energy™ T | | 143/141J |
| 245/70 R 17.5 | T | MICHELIN X® Line Energy™ T | | 143/141J |
| SEAT 19.5 | | | | |
| 265/70 R 19.5 | T | MICHELIN X® Line Energy™ T | | 143/141J |
| 445/45 R 19.5 | T | MICHELIN XTA 2 Energy™ | M+S | 160J |
| 445/45 R 19.5 | T | MICHELIN X® Line Energy™ T | | 160K |
| SEAT 22.5 | | | | |
| 275/70 R 22.5 | T | MICHELIN XTA 2 Energy™ | | 152/148J |
| 295/60 R 22.5 | D | MICHELIN X® Line Energy™ D | M+S | 150/147L |
| 315/60 R 22.5 | D | MICHELIN X® Line Energy™ D | M+S | 152/148L |
| 315/70 R 22.5 | D | MICHELIN X® Line Energy™ D | M+S | 154/150L |
| 315/80 R 22.5 | D | MICHELIN X® Line Energy™ D | M+S | 156/150L |
| 355/50 R 22.5 | T | MICHELIN X® Line Energy™ T | M+S | 156K |
| 385/55 R 22.5 | T | MICHELIN X® Line Energy™ T | | 160K |
| 385/65 R 22.5 | T | MICHELIN X® Line Energy™ T | | 160K |
| **X COACH** | | | | |
| SEAT 22.5 | | | | |
| 295/80 R 22.5 | D | MICHELIN X® Coach XD | M+S | 152/148M |
| 295/80 R 22.5 NEW | D | MICHELIN X® Coach D | M+S | 154/150M |
| **X WORKS** | | | | |
| SEAT 19.5 | | | | |
| 265/70 R 19.5 | T | MICHELIN XTY 2 | M+S | 143J |
| SEAT 22.5 | | | | |
| 13 R 22.5 | D | MICHELIN X® Works D | M+S | 156/150K |
| 13 R 22.5 | Z | MICHELIN X® Works XZY | M+S | 156/150K |
| 13 R 22.5 | D | MICHELIN X® Works XDY | M+S | 156/150K |
| 275/70 R 22.5 | T | MICHELIN XTY 2 | M+S | 148/145J |
| 295/80 R 22.5 | D | MICHELIN RC X® Works D | M+S | 152/148K |
| 315/80 R 22.5 | D | MICHELIN X® Works D | M+S | 156/150K |
| 315/80 R 22.5 | Z | MICHELIN X® Works XZY | M+S | 156/150K |
| 315/80 R 22.5 | D | MICHELIN X® Works XDY | M+S | 156/150K |
| 385/65 R 22.5 | T | MICHELIN X® Works T | M+S | 160K |
| 385/65 R 22.5 | Z | MICHELIN XZY 3 | M+S | 160K |
| 385/65 R 22.5 | Z | MICHELIN X® Works HL Z | M+S | 164J |

# RANGE MICHELIN REMIX

| SIZE | POSITION | PATTERN | WINTER MARKINGS | LOAD/SPEED INDEX |
|---|---|---|---|---|
| **X MULTI** | | | | |
| | | **SEAT 17.5** | | |
| 9.5 R 17.5 | T | MICHELIN XTE 2 | | 143/141J |
| 205/65 R 17.5 | T | MICHELIN X® Maxitrailer | | 129/127J |
| 205/75 R 17.5 | D | MICHELIN XDE 2 | M+S 3PMSF | 124/122M |
| 215/75 R 17.5 | D | MICHELIN XDE 2 | M+S 3PMSF | 126/124M |
| 225/75 R 17.5 | D | MICHELIN XDE 2 | M+S 3PMSF | 129/127M |
| 235/75 R 17.5 | D | MICHELIN XDE 2 | M+S 3PMSF | 132/130M |
| 235/75 R 17.5 | T | MICHELIN XTE 2+ | | 143/141J |
| 245/70 R 17.5 | D | MICHELIN XDE 2 | M+S 3PMSF | 136/134M |
| 245/70 R 17.5 | T | MICHELIN XTE 2+ | | 143/141J |
| | | **SEAT 19.5** | | |
| 245/70 R 19.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 136/134M |
| 245/70 R 19.5 | T | MICHELIN XTE 2 | | 141/140J |
| 255/60 R 19.5 | T | MICHELIN X® Maxitrailer | M+S | 143/141J |
| 265/70 R 19.5 | T | MICHELIN XTE 2 | M+S | 143/141J |
| 265/70 R 19.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 140/138M |
| 285/70 R 19.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 146/144L |
| 445/45 R 19.5 NEW | T | MICHELIN X® Multi HLT | M+S 3PMSF | 164J |
| | | **SEAT 22.5** | | |
| 275/70 R 22.5 | Z | MICHELIN XZE 2+ | M+S 3PMSF | 148/145M |
| 275/70 R 22.5 | D | MICHELIN XDE 2+ | M+S 3PMSF | 148/145M |
| 295/60 R 22.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 150/147L |
| 295/80 R 22.5 | Z | MICHELIN XZE 2+ | M+S 3PMSF | 152/148M |
| 295/80 R 22.5 ❄ | D | MICHELIN XDW Ice Grip | M+S 3PMSF | 152/149L |
| 295/80 R 22.5 | D | MICHELIN X® Multiway 3D XDE | M+S 3PMSF | 152/148L |
| 295/80 R 22.5 | D | MICHELIN XDE 2+ | M+S 3PMSF | 152/148M |
| 295/80 R 22.5 ❄ | D | MICHELIN X® Multi Grip D | M+S 3PMSF | 154/150L |
| 315/45 R 22.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 147/145L |
| 315/60 R 22.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 152/148L |
| 315/70 R 22.5 | D | MICHELIN X® Multi Energy™ D2 | M+S 3PMSF | 156/150L |
| 315/70 R 22.5 | D | MICHELIN X® Multi HD D | M+S 3PMSF | 154/150L |
| 315/70 R 22.5 | Z | MICHELIN XZE 2+ | M+S 3PMSF | 154/150L |
| 315/70 R 22.5 | D | MICHELIN X® Multiway 3D XDE | M+S 3PMSF | 154/150L |
| 315/70 R 22.5 ❄ | D | MICHELIN XDW Ice Grip | M+S 3PMSF | 154/150L |
| 315/70 R 22.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 154/150L |
| 315/70 R 22.5 ❄ | D | MICHELIN X® Multi Grip D | M+S 3PMSF | 154/150L |
| 315/80 R 22.5 ❄ | D | MICHELIN X® Multi Grip D | M+S 3PMSF | 156/150L |
| 315/80 R 22.5 | D | MICHELIN X® Multi D | M+S 3PMSF | 156/150L |
| 315/80 R 22.5 | D | MICHELIN X® Multi HD D | M+S 3PMSF | 156/150L |
| 315/80 R 22.5 NEW | D | MICHELIN X® Multi Energy™ D2 | M+S 3PMSF | 156/150L |
| 315/80 R 22.5 | Z | MICHELIN XZE 2+ | M+S 3PMSF | 156/150L |
| 315/80 R 22.5 ❄ | D | MICHELIN XDW Ice Grip | M+S 3PMSF | 156/150L |
| 385/55 R 22.5 | T | MICHELIN X® Multi T2 | M+S 3PMSF | 160K |
| 385/65 R 22.5 | T | MICHELIN X® Multi HI T | M+S 3PMSF | 164K |
| 385/65 R 22.5 | T | MICHELIN X® Multi T | M+S 3PMSF | 160K |
| 385/65 R 22.5 | T | MICHELIN XTE 3 | M+S 3PMSF | 160J |
| 455/45 R 22.5 | T | MICHELIN X® One Maxitrailer + | M+S | 160J |
| **X INCITY** | | | | |
| | | **SEAT 22.5** | | |
| 275/70 R 22.5 | Z | MICHELIN X® Incity EV Z | M+S 3PMSF | 152/149J |
| 275/70 R 22.5 | Z | MICHELIN X® Incity XZU | M+S 3PMSF | 148/145J |
| 275/70 R 22.5 ❄ | D | MICHELIN X® Incity Ice Grip D | M+S 3PMSF | 148/145J |
| 295/80 R 22.5 | Z | MICHELIN X® Incity XZU 3 | M+S 3PMSF | 152/148J |

3PMSF ❄ Tyres with excellent grip performance for extreme winter conditions.

# MICHELIN
# X® Multi Energy™ D2 REMIX®

## MAXIMISED ENERGY EFFICIENCY
*WITH HIGH LEVEL OF MILEAGE POTENTIAL*

### FUEL SAVING & $CO_2$ REDUCTION:
- UP TO 0.42 L/100 KM COMPARED TO MICHELIN X® Multi D REMIX®(1)
- UP TO 1.13 KG LESS $CO_2$ EMISSIONS/100 KM(1)

### HIGH MILEAGE POTENTIAL:
- TO OFFER THE RIGHT TOTAL COST OF OWNERSHIP

**315/70 R 22.5**
**315/80 R 22.5**
**MICHELIN X® Multi Energy™ D2 REMIX®**


X® MULTI ENERGY™

**DESIGNED FOR NATIONAL AND REGIONAL OPERATIONS ON ALL TYPES OF ROADS**

*MICHELIN* ↻ ***REMIX***

**FOR DRIVE AXLES**

M+S (2) 3PMSF

(1) Fuel consumption & $CO_2$ emissions: $TCO_2$ (Vecto) calculation tool, comparison of on artic [equipped with] 315/70 R 22.5 MICHELIN X® Multi Energy™ Z & D2 REMIX® + 385/55 R 22.5 MICHELIN X® Multi T2 against an artic [equipped with] 315/70 R 22.5 MICHELIN X® Multi Energy™ Z & MICHELIN X® Multi D REMIX® + 385/55 R 22.5 MICHELIN X® Multi T2 loaded to 40 tonnes, used for 50% long distance/50% regional, 100,000 km/year, fuel cost: €1.50/L on average across the first life, XME D2/. compared to XM D/.: 0.42 L less/100 km, €630 less/year, 1.13 kg of $CO_2$ less/100 km, 1.13 tonnes of $CO_2$ less/year. Energy efficiency due to the Infinicoil, Powercoil and Regenion technologies and to a Michelin rubber compound.
(2) 3PMSF: Tyre for use in severe snow conditions.

X® MULTI ENERGY™

# MICHELIN
# X® Multi Energy™ D2 REMIX®

## BUSINESS EFFICIENCY

*REDUCE YOUR OPERATING COSTS*

- A Michelin REMIX® retreaded tyre is 40% **cheaper** than an equivalent new tyre(1)
- More fuel saving thanks to the Energy compound that offered a lower rolling resistance
- Up to 0.42 L/100 km compared to MICHELIN X® Multi D REMIX®(2)
- High mileage: thanks to the Infinicoil technology
- Suitable for all types of roads

## SAFETY

*SAFER TRANSPORT*

- Optimum grip throughout the life of the tyre thanks to the Regenion technology
- M+S and 3PMSF markings
- A well-known robustness
  - MICHELIN X® Multi and MICHELIN X® Multi Energy™ ranges have the same casings, thanks to Powercoil Technology

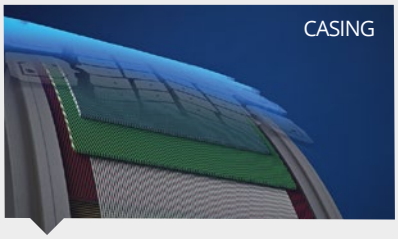
## ENVIRONMENT

*A GREENER WAY TO TRANSPORT GOODS*

- Up to 1.13 kg less $CO_2$ emissions/100 km(2)
- Retreading and regrooving save materials and fuel
- Tyres manufactured in compliance with ISO 14001 environmental standards

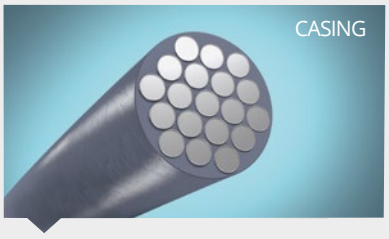

### REGENION:
**grip throughout the tyre's service life**

• Self-regenerating tread blocks, supported by our mold 3D metal printing techniques.




### INFINICOIL:
**reinforced casing for greater stability and safety**

• A continuous steel wire – which can be as long as 400 metres wrapped around the tyre to provide it with greater stability throughout its lifetime.




### POWERCOIL:
**improved casing durability**

• Next-generation steel cords are more rugged and oxidation-resistant.

## TECHNICAL INFORMATION

| TREAD PATTERN AND DIMENSION | TYPE | LOAD/ SPEED INDEX | MICHELIN PREFERRED RIM | ORIGINAL TREAD DEPTH | SPECIAL MARKINGS | RADIO FREQUENCY IDENTIFICATION CHIP INTEGRATED |
|---|---|---|---|---|---|---|
| 315/70 R 22.5 MICHELIN X® Multi Energy™ D2 REMIX® | TL | 156/150L (154/150M) | 9.00 | 14 mm | (3) M+S Traction | RFID |
| 315/80 R 22.5 MICHELIN X® Multi Energy™ D2 REMIX® | TL | 156/150L (154/150M) | 9.00 | 14,5 mm | (3) M+S Traction | RFID |

## REGROOVING INFORMATION

| TREAD PATTERN AND DIMENSION | REGROOVE DEPTH | SUGGESTED BLADE |
|---|---|---|
| 315/70 R 22.5 MICHELIN X® Multi Energy™ D2 REMIX® | 3 mm | R3 |
| 315/80 R 22.5 MICHELIN X® Multi Energy™ D2 REMIX® | 3 mm | R3 |

315/70 R 22.5 MICHELIN AND 315/80 R 22.5
X® Multi Energy™ D2 REMIX®

REGROOVING PATTERN

(1) Michelin internal study performed in 2022 using a European-wide competitiveness analysis tool, comparing a new MICHELIN tyre and a MICHELIN REMIX® tyre.

(2) Fuel consumption & $CO_2$ emissions: $TCO_2$ (Vecto) calculation tool, comparison of on artic [equipped with] 315/70 R 22.5 MICHELIN X® Multi Energy™ Z & D2 REMIX® + 385/55 R 22.5 MICHELIN X® Multi T2 against an artic [equipped with] 315/70 R 22.5 MICHELIN X® Multi Energy™ Z & MICHELIN X® Multi D REMIX® + 385/55 R 22.5 MICHELIN X® Multi T2 loaded to 40 tonnes, used for 50% long distance/50% regional, 100,000 km/year, fuel cost: €1.50/L on average across the first life, XME D2/. compared to XM D/.: 0.42 L less/100 km, €630 less/year, 1.13 kg of $CO_2$ less/100 km, 1.13 tonnes of $CO_2$ less/year. Energy efficiency due to the Infinicoil, Powercoil and Regenion technologies and to a Michelin rubber compound.

(3) 3PMSF: Tyre for use in severe snow conditions.

## NOTES

**WEBSITE**
business.michelin.co.uk

**MYPORTAL**
myportal.michelingroup.com

**LINKEDIN**
Michelin For Professional Businesses

**YOUTUBE**
Michelin Truck & Bus Tyres Europe

**MICHELIN APPLICATION**
MyTechXpert

GET IT ON Google Play  Download on the App Store

**ROADSIDE ASSISTANCE**
ONCall

**https://webapp.oncall.michelin.com/**

**00 800 79 79 79 79***

*Free call, apart from your operator's surcharge, if any.

Information correct at date of publication – 02/2025 – All Contents AURA - R.C.S. 495 289 399 – 25020032
M.F.P. Michelin R.C.S. 855 200 507 Clermont-Fd – Share capital: 504 000 004 € - Photo credits: Michelin