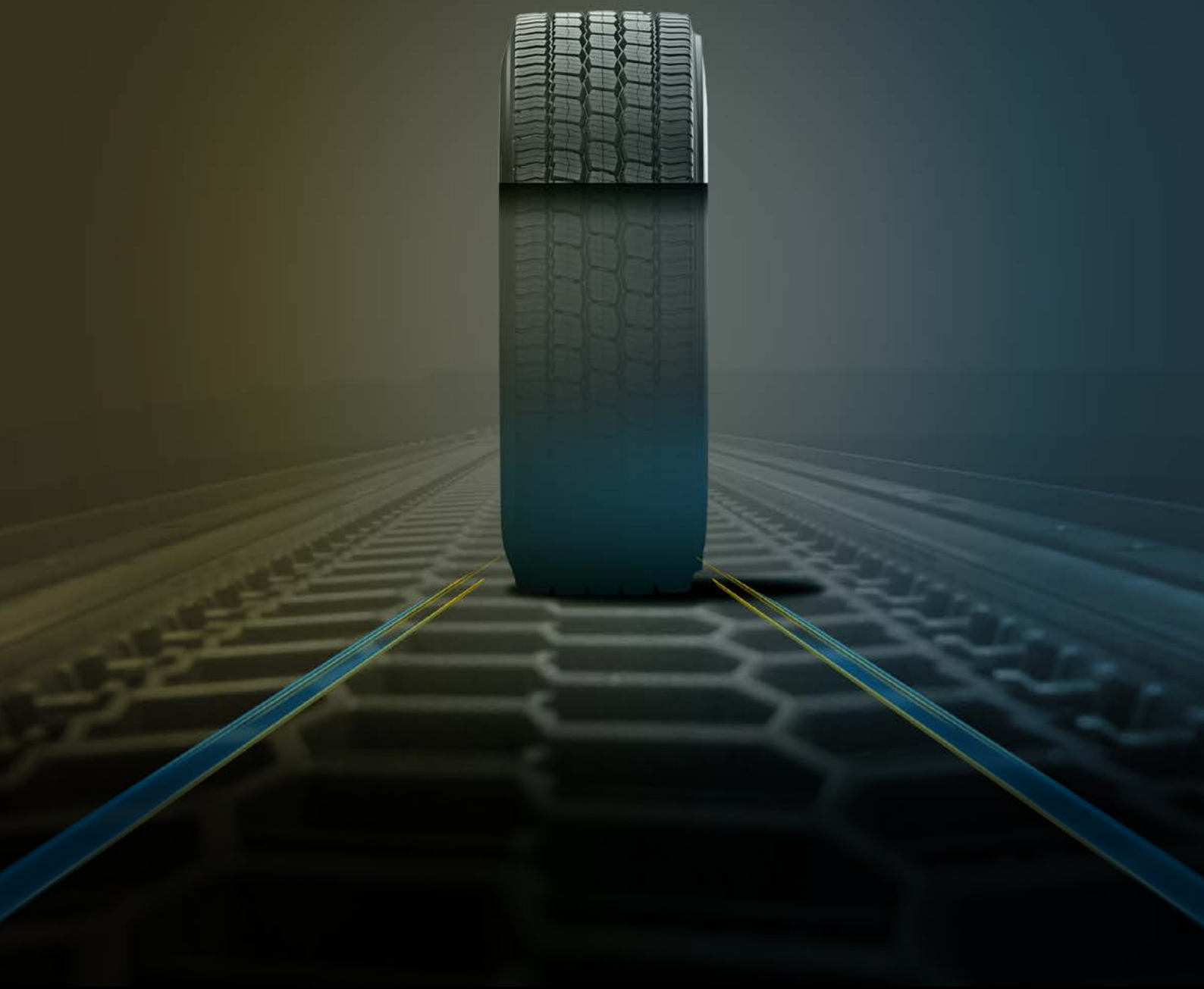
RECAMIC

Michelin Retread Technologies

RECAMIC TREADS CATALOGUE

Right choice for economics, local jobs and planet.



THE RECAMIC RANGE

The Michelin group technology perfectly suited to each type of use

ADVICE
FOR RECAMIC
RETREADED TYRES

Fit Recamic retreaded tyres on the rear axles of motor vehicles.

Recamic tyres can be fitted in all axle positions for trailers and semi-trailers.

A specific compound for each type of use,guaranteeing optimal mileage performance.

LONG DISTANCE TRANSPORT

- Motorways and major trunk roads
- Minimal braking and accelerating

LINE D
S60 LINE D

DRIVE M+S

XDA2 ENERGY

DRIVE M+S

XZA2 B ENERGY
S60 XZA2 B ENERGY

MULTI POSITIONS M+S

XZA B

MULTI POSITIONS M+S

XTA
XTA B

TRAILER M+S

XTA2 B

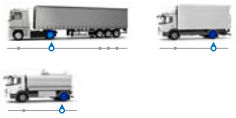
TRAILER M+S

REGIONAL TRANSPORT

- Long distances on trunk and regional roads with frequent braking and accelerating
- Shorter distances on regional journeys with frequent stops
- Access to loading and unloading points on slightly aggressive ground
- Difficult weather conditions (rain, snow, ice)

MULTI D

DRIVE M+S



MULTI HD D

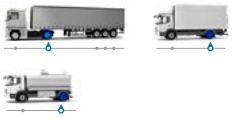
DRIVE M+S

XDE2 LT

DRIVE M+S

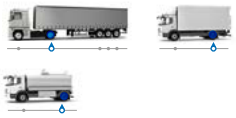
XDE2+
XDE2+ MT

DRIVE M+S



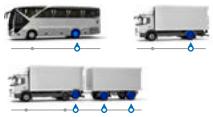
XW4S
S60 XW4S

DRIVE M+S



XZE2

MULTI POSITIONS M+S



XTE2 B
XTE2 B

TRAILER M+S

MULTI T

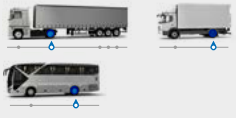
TRAILER M+S

WINTER SPECIALISTS

NEW

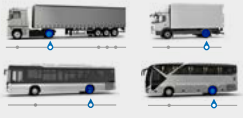
MULTI GRIP D

DRIVE M+S



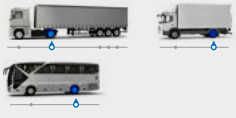
XDS

DRIVE M+S



XDW
ICE GRIP

DRIVE M+S



MULTI
WINTER T

TRAILER M+S

WORKSITE TRANSPORT

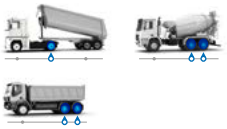
- Driving generally over short distances and on all types of road
- Access to difficult loading or unloading points
- Requires off-road traction

WORKS D

DRIVE M+S

XDY3

DRIVE M+S



XZY2
XZY2 B

MULTI POSITIONS M+S

XZH

MULTI POSITIONS M+S

XZY3 B
385/65 R 22.5 M+S

XZY3 B
445/65 R 22.5 M+S

TRAILER

XTY
XTY B

TRAILER M+S

XZY B

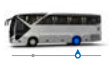
TRAILER

COACH-INTERCITY TRANSPORT

- Long distances on trunk and regional roads with frequent braking and accelerating
- Shorter distances on regional journeys with frequent stops

XDA4S

DRIVE M+S



URBAN TRANSPORT

- Driving in urban areas with very frequent stops (Buses, waste trucks, roadwork vehicles, etc)

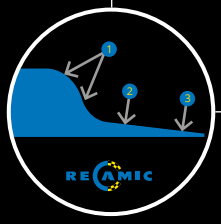
XZU3

MULTI POSITIONS M+S

RECAMIC EXCLUSIVE SOLUTION

RECAMIC WING TREAD

An unrivalled resistance to scrubbing on trailer axles.



1

Shape studied to avoid tearing and increase resistance to scrubbing

2

Tapered thickness for optimal flexibility:
- perfectly matches the shape
- elminates the risk of trapping air in the shoulder area

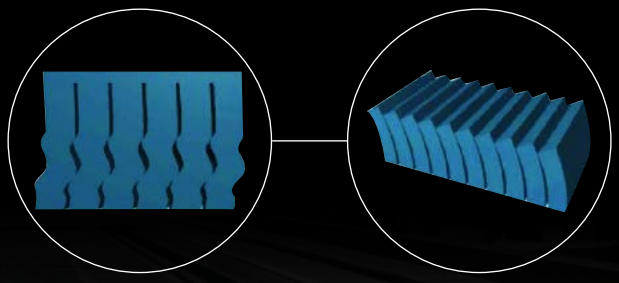
3

Greater wing tread length:
- distribution of effort
- resistance to scrubbing
- perfect final appearance

"Double-wave" SIPES

MICHELIN patent

Under the effect of engine or brake torque, the sipes have a tendency to deform during acceleration or braking. The deformation of straight sipes means the contact between the ground and the tyre is not consistent. This phenomenon is greatly reduced with "double-wave" sipes: they considerably reduce the causes of irregular wear and extend the tyre's life.



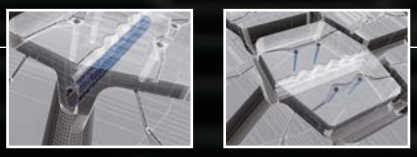
"double-wave" **SIPES**

Straight **SIPES**

MICHELIN patent

"RAIN DROP" SIPES

They have a rounded raindrop shape, and emerge when the block is two-thirds worn, thus forming new edges and grooves, and giving the worn tire unequalled grip and road holding.



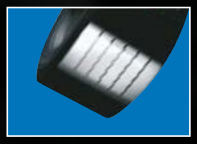
"TOWER PUMP®" SIPES

- For enhanced grip on slippery road surfaces.
- These sipes are designed to store the residue that filters into the contact area. They are cylindrical in shape and act as miniature pumps.

THE 60 SERIES

Reduces overheating in the shoulder area.

Recamic S60 Convex tread

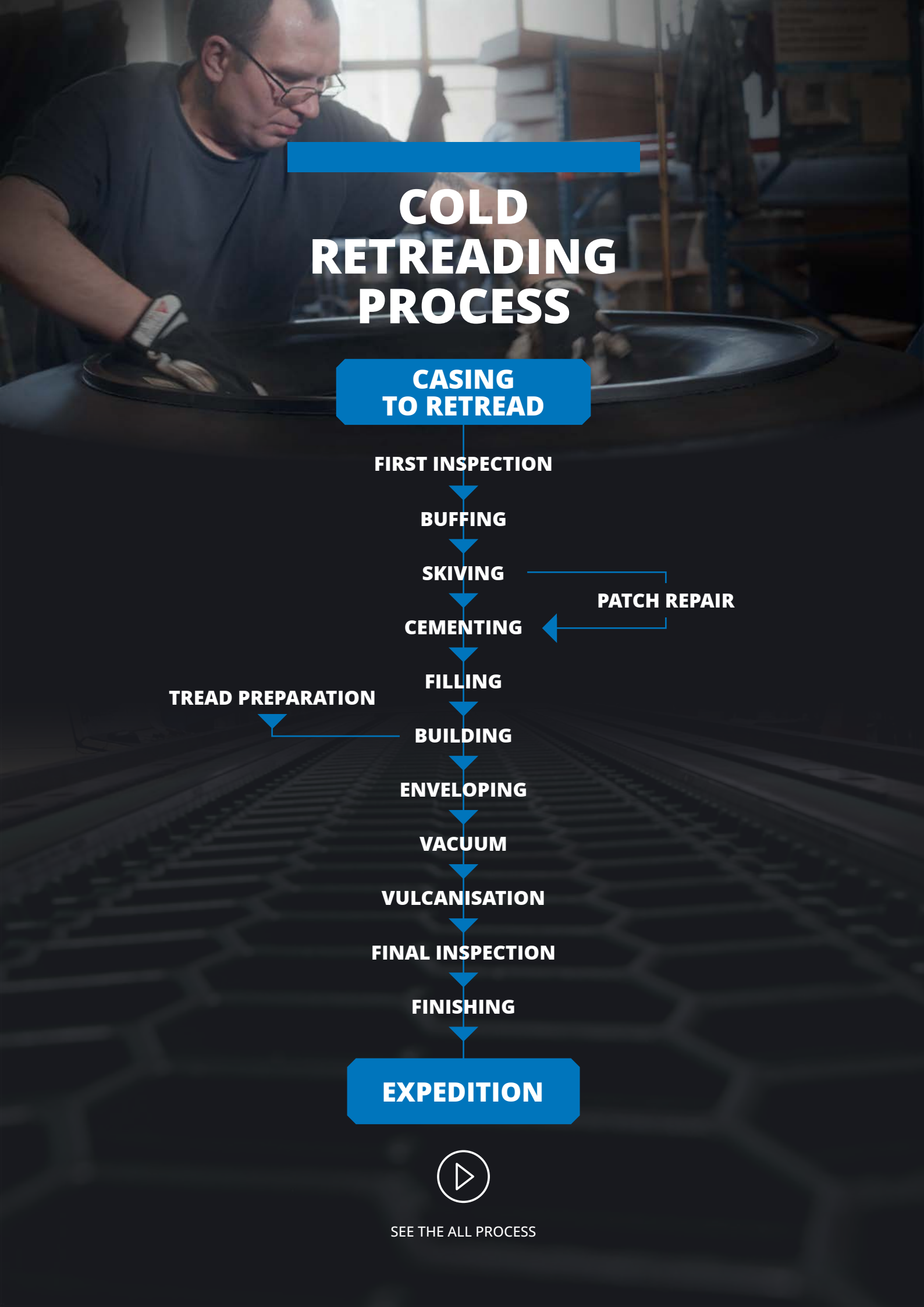


Standard tread

REGENION

MICHELIN patent

Self-regenerating tread blocks, supported by our mold 3D metal printing techniques, providing solid grip throughout tyre's lifetime and conditions.



COLD RETREADING PROCESS

CASING TO RETREAD

FIRST INSPECTION

BUFFING

SKIVING

PATCH REPAIR

CEMENTING

FILLING

TREAD PREPARATION

BUILDING

ENVELOPING

VACUUM

VULCANISATION

FINAL INSPECTION

FINISHING

EXPEDITION

SEE THE ALL PROCESS

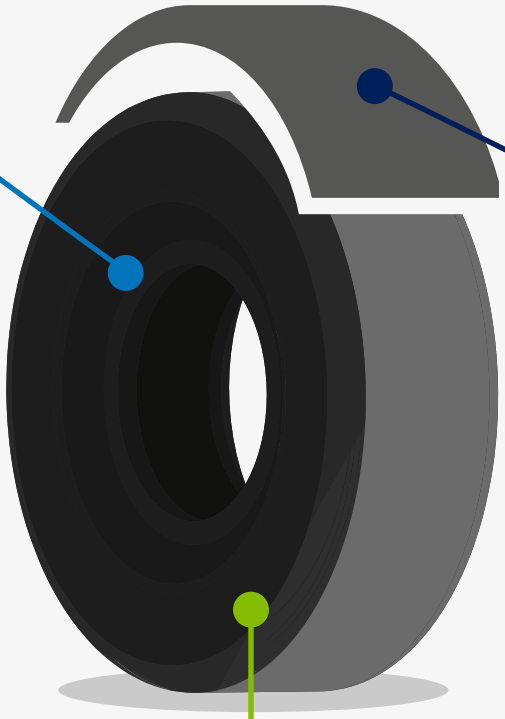
WHY RETREAD?

One retreaded tyre means:

RIGHT FOR ECONOMICS

EXCELLENTE MILEAGE
with the same tyre

A retreaded tyre is
40%
CHEAPER
than an equivalent new tyre(1).



RIGHT FOR JOBS

4.3
TIMES MORE JOBS
created through retreading the tyres(4)

RIGHT FOR PLANET

115 Kg
OF CO_2
not released into the atmosphere(2)

50 Kg
OF RAW MATERIAL
not consumed(3)

70%
EXTRACTION OF NATURAL RESOURCES SAVED(4)
In terms of energy a retreaded tyre can on its own save(4)
29% of soil use
21% of air pollution
19% of water consumption

(1) Michelin Internal study performed in 2022 by Competitiveness analysis tool performed on Europe perimeter comparing premium new tyre vs. RECAMIC.
(2) The CO2 impact of a retreaded tyre is linked to the material saving, or 115 kg of CO2 representing 50 kg of raw material savings, at a rate of 2.3 kg of CO2* per kg of raw materials. *Equivalence between CO2 and a litre of fuel or kilogram of raw material is calculated in this way: The emissions factor of 3.24 kg of CO2 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, Study "Well to wheel - JEC", v4, july 2014. The emissions factor of 2.3 kg of CO2 for 1 kg of tyre comes from the life cycle assessment calculations for production of a tyre cradle to gate), conducted internally by Michelin using the calculation rules developed by the tyre manufacturing profession (TIP). It includes stages including extraction of raw materials, transportation, manufacturing, and distribution. Source: UL Environment Standard, "Product Category Rules for preparing an Environmental Product Declaration for the product category: Tires, v3.05, february 2022."
(3) A new tyre weighs 70 kg on average. A new tyre ready to be retreaded weighs 50 kg on average.
(4) Data extracted from the E&Y study "L'impact socio-économique du rechapage poids lourd en France et en Europe - L'économie circulaire du pneu en danger" in October 2016 – Comparative study of non-retreadable entry-level tyre/retreaded tyre – use of land for growing rubber trees – air pollution measured by fine particle emissions.

RECAMIC
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