

MICHELIN X[®] MULTI[™] HLT⁽¹⁾

MAXIMIZED PAYLOAD AND LONGEVITY FOR HIGH CUBE HAULAGE



OPTIMIZED PAYLOAD:

- 10 TONS PER AXLE⁽²⁾

- 100 M³ TRAILER VOLUME⁽³⁾



OPTIMIZED LONGEVITY :

- STRONG CASING ENDURANCE⁽⁴⁾

- HIGH MILEAGE POTENTIAL⁽⁵⁾



TRAILER AXLE

445/45 R 19.5



3PMSF

M+S



⁽¹⁾ HL: High Load

⁽²⁾ Load capacity increased to 10 tons per axle: 445/45 R 19.5 MICHELIN X[®] MULTI[™] HLT with Load Index 164 = 10t. / axle vs. previous generation MICHELIN XTA2+ Energy with Load Index 160 = 9t. / axle.

⁽³⁾ Tyre dimension allowing 100 m³ trailer volume: the convoy fitted with 355/50 R 22.5 Z + 315/45 R 22.5 D + 445/45 R 19.5 T leads to the highest internal volume in the semi-trailer: 100 m³ with the 4 m total height constraint.

⁽⁴⁾ Reinforced casing robustness thanks to MICHELIN Technologies: Infinicoil, Powercoil and Duracoil.

⁽⁵⁾ Mileage boosted by higher casing endurance: +5% in first life longevity on 445/45 R 19.5 MICHELIN X[®] MULTI[™] HLT vs. 445/45 R 19.5 MICHELIN XTA2 + Energy: internal study based on simulation tool, Ladoux research centre, 2021.



MICHELIN

MICHELIN X[®] MULTI[™] HLT



BUSINESS EFFICIENCY

LOWER OPERATING COSTS

- **Optimized payload:**
 - Load Index 164 = **+1 ton per axle⁽²⁾**
 - Semi-trailer volume **up to 100m³⁽³⁾**
- **Optimized longevity:**
 - Higher casing robustness⁽⁴⁾
 - High mileage potential⁽⁵⁾



SAFETY

SAFE HAULAGE WHATEVER THE WEATHER

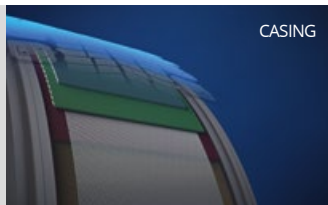
- **Versatility:**
 - Suitable for all road surfaces
 - 3PMSF marking ensures good performance in bad weather conditions
 - **Long-lasting grip** thanks to Michelin Regenion technology



ECOLOGY

A GREENER WAY TO TRANSPORT GOODS

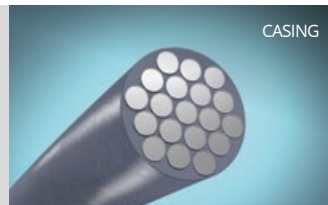
- **Lower Rolling resistance** (-8%) leading to fuel savings and fewer CO₂ emissions, rated B with European labelling (in comparison with previous generation MICHELIN XTA2+ Energy, rated C)
- **Designed for regrooving and retreading**, generating material and fuel savings.
- **Life cycle analysis with unique 3% higher score** (Internal study, April 2021, in comparison with MICHELIN previous generation)



CASING

INFINICOIL TECHNOLOGY

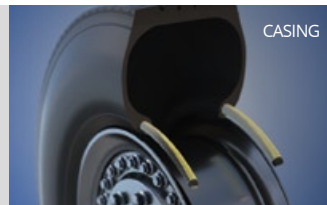
- Continuous steel wire wrapped around the tyre
- Greater stability throughout the tyre's lifetime
- Enhanced tyre endurance
- Higher load index on harder usage conditions



CASING

POWERCOIL TECHNOLOGY

- New generation of more robust steel cables
- Better oxidation resistance
- Enhanced casing endurance



CASING

DURACOIL

- A new reinforced section between the tyre and wheel for greater robustness
- Premium nylon protects the bead bundle
- Better bead stability during rolling
- More robust lower area for longer casing life and improved retreadability



TREAD PATTERN

REGENION TECHNOLOGY

- Self-regenerating tread blocks supported by MICHELIN 3D metal printing technologies for moulds
- Solid grip throughout the tyre's lifetime in all conditions
- New grooves emerge over the tyre's life
- Enhanced mobility

TECHNICAL INFORMATION

EUROPEAN LABELLING

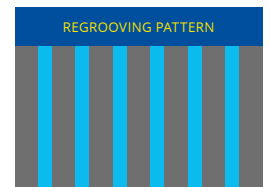
TREAD PATTERN AND DIMENSION	TYPE	LOAD/SPEED INDEX	ORIGINAL TREAD DEPTH	SPECIAL MARKINGS	RADIO FREQUENCY IDENTIFICATION CHIP INTEGRATED	(a)	(b)	(c)	(d)
445/45 R 19.5 MICHELIN X [®] MULTI [™] HLT	TL	164J	12.7 mm	(d)		B	C	A	70 dB

(a) Fuel efficiency class (from A to E). (b) Wet grip class (from A to E). (c) External rolling noise class (from A to C) and measured value in decibel (dB). (d) 3PMSF: tyre for use in severe winter conditions

REGROOVING INFORMATION

TREAD PATTERN AND DIMENSION	THEORETICAL REGROOVING DEPTH	SUGGESTED BLADE
445/45 R 19.5 MICHELIN X [®] MULTI [™] HLT	3 mm	R3

Retreadable with **MICHELIN** **REMIX**



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