

# MICHELIN® SmartWay<sup>SM</sup> Verified, Low-Rolling Resistance Tires

Michelin is constantly looking for ways to further reduce the environmental impact of our activities and products. MICHELIN® fuel efficient<sup>(1)</sup> tires can help your fleet save money and reduce fuel consumption, all while reducing greenhouse gas and air pollutant emissions. The fuel saving and emission reducing benefits of our low rolling resistance tires have been verified by the Environmental Protection Agency's (EPA) SmartWay<sup>SM</sup> program.<sup>(2)</sup> MICHELIN® fuel efficient tires are approved for use on EPA SmartWay<sup>SM</sup> certified equipment and meet California's CARB requirements.



## ALL POSITION/STEER TIRES<sup>(3)</sup>



### MICHELIN® XZA3<sup>®</sup>+ EVERTREAD™<sup>(4)</sup>

- Ultra-fuel-efficient tire<sup>(1)</sup> that delivers our longest mileage in line haul steer applications
- Dual Compound Tread delivers more mileage without compromising ultra-fuel-efficiency and retreadability
- Directional tread with enhanced shoulder rib designed to deliver even wear to the end
- 3-Retread Limited Warranty<sup>(4)</sup>

### MICHELIN® XZA2<sup>®</sup> Energy

- Optimized channel design allows for long tread life and minimized irregular wear
- Low rolling resistance compounds for fuel economy<sup>(1)</sup> in highway service
- Optimized for steer axle service

### MICHELIN® XZA<sup>®</sup>-1+

- Decoupling groove helps resist irregular wear
- Optimized for steer axle highway service
- Groove wall sipes help inhibit onset of irregular wear and improve wet traction

### MICHELIN® X COACH XZ<sup>(5)</sup>

- Charter bus tire designed for mileage safety and comfort
- Tread design helps deliver up to 15% higher mileage, while maintaining superior performance\*
- Central zig-zag tread grooves help deliver improved grip for a shorter braking distance on wet or icy roads\*

\* When compared to the MICHELIN® XZA2<sup>®</sup> Energy tire.

(1) Fuel savings are estimates based on comparative rolling resistance. Actual on-road savings may vary.

(2) For more information on SmartWay<sup>SM</sup> verified technologies, go to [www.epa.gov/smartway](http://www.epa.gov/smartway)

(3) MICHELIN® XZA2<sup>®</sup> and XZA3<sup>®</sup> tires are on the Smartway<sup>SM</sup> verified, low rolling resistance tire lists, but no longer available for sale.

(4) 3-Retread Manufacturing Limited Casing Warranty: 3 retreads or 700,000 miles or 7 years for MICHELIN® XZA3<sup>®</sup>+ EVERTREAD™ when retreaded by an authorized Michelin Retread Technologies (MRT) Dealer only. See limited warranty for details.

(5) "No bus shall be operated with regrooved, recapped or retreaded tires on the front wheels." US Code of Federal Regulations: Title 49, Transportation; Part 393.75.

## DRIVE TIRES<sup>(2)</sup>



### MICHELIN® X One® XDA® Energy

- The most fuel efficient<sup>(1)</sup> drive tire available for North American long haul trucks
- *Matrix*™ Siping technology helps provide exceptional traction on dry and slippery surfaces. The 3D *Matrix*™ sipes lock together for the stability normally associated with solid tread blocks
- Engineered to replace duals
- Directional tread design



### MICHELIN® X One® XDN®2

- Multiple tread compounds to keep the casing cooler and optimize retreadability
- Infini-Coil Technology™ incorporates 1/4 mile of steel cable
- Extra wide tread width for excellent stability and long wearlife
- Weight savings of approximately 371 lbs. per tractor, when compared to the MICHELIN® XDN®2 tire



### MICHELIN® XDA® Energy<sup>(3)</sup>

- Advanced Technology™ tread compounds for outstanding fuel efficiency<sup>(1)</sup>
- Alternating groove wall angles help resist stone retention and promote improved traction throughout the life of the tire
- 7/7/3 manufacturer's limited casing warranty<sup>(3)</sup>



### MICHELIN® XDA3®<sup>(3)</sup>

- Ultra-fuel efficient<sup>(1)</sup> drive-axle tire designed for long wear and quiet ride
- 7/7/3 manufacturer's limited casing warranty<sup>(3)</sup>
- Efficient stone rejection from variable groove wall angles
- 26/32nds original tread depth

## TRAILER TIRES



### MICHELIN® X One® XTA®

- Ultra-fuel efficient<sup>(1)</sup> with Infini-Coil Technology™
- Engineered to replace duals in fuel and weight sensitive long haul trailer applications
- 13/32nds original tread depth
- Four decoupling grooves to resist irregular wear



### MICHELIN® X One® XTE®

- Trailer tire designed to replace duals in high scrub applications
- Helps deliver substantial weight savings versus comparable dual assembly
- Infini-Coil Technology™ belt promotes excellent vehicle stability
- Deep, 16/32nds original tread depth



### MICHELIN® XTA® Energy

- Ultra-fuel efficient<sup>(1)</sup> long haul trailer tire
- Available in LP 22.5"
- Designed for long, smooth wear
- 13/32nds original tread depth
- Four circumferential grooves for excellent wet weather performance



### MICHELIN® XT-1®

- Fuel efficient<sup>(1)</sup> line haul trailer tires
- 12/32nds original tread depth
- Tread groove design helps against irregular wear and provides good wet weather performance

(1) Fuel savings are estimates based on comparative rolling resistance. Actual on-road savings may vary.

(2) MICHELIN® X One® XDA® tire is on the Smartway<sup>SM</sup> verified, low rolling resistance tire lists, but no longer available for sale.

(3) 7/7/3 Manufacturer's Limited Casing Warranty: 700,000 miles, 7 years, or 3 retreads for MICHELIN® XDA3® and XDA® Energy tires only. See limited warranty for details.

#### NOTE:

\* The MICHELIN® XZE2™, XZE®, XDE®2+, XDN®2, XDA2+® ENERGY, XDE® M/S and XTE® tires prior to DOT date 1011 will still be considered as "verified" for the purposes of the SmartWay<sup>SM</sup> program and for any state or local regulations that use this list as the reference.

\*\* CARB will apply an exemption for open shoulder drive tires that will include the MICHELIN® XDN®2 and the XDE2+™ tires until Jan. 1, 2013.

To learn more, please contact your MICHELIN Sales Representative or visit [www.michelintruck.com](http://www.michelintruck.com)

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