Michelin is constantly looking for ways to further reduce the environmental impact of our activities and products. MICHELIN® fuel efficient(1) 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® program.(2)

MICHELIN® fuel efficient tires are approved for use on EPA SmartWay® certified equipment and meet California’s CARB requirements.

More information about the SmartWay program as well as verified low rolling resistance tires and retreads can be found at epa.gov/smartway.
**DRIVE TIRES**

**MICHELIN® X ONE® LINE™ ENERGY D**
- The most fuel efficient drive tire for North American line haul trucks
- No compromise fuel efficiency and mileage delivered by the Dual Energy Compound Tread, with a precisely balanced Fuel and Mileage layer on top of a cool running Fuel and Durability layer
- Guaranteed 15% more miles than MICHELIN® X ONE® XDA® Energy tire
- Excellent handling due to optimized traction and stability from full depth Matrix™ Sipes

**MICHELIN® X ONE® XDA® ENERGY**
- Multiple tread compounds to keep the casing cooler and optimize retreadability
- Infini-Coil™ 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® X LINE™ ENERGY D**
- Excellent fuel efficiency with leading tread life and traction
- Exceptional fuel efficiency through Dual Energy Compound
- 20% longer tread life thanks to top layer of Dual Energy Compound, a wide footprint and solid shoulder
- Excellent handling due to optimized traction and stability from Matrix™ Siping technology
- 7/7/3 manufacturer’s limited casing guarantee
* Compared to MICHELIN® XDA® ENERGY tire

**MICHELIN® X ONE® XTA® ENERGY Z**
- Fuel efficient drive tire designed with optimized traction and treadlife
- Dual Energy Compound Tread delivers exceptional fuel efficiency while optimizing traction and wear
- Longer tread life due to an optimized footprint
* When compared to MICHELIN® XDA® ENERGY tire

**MICHELIN® X® MULTI™ D’**
- An open shoulder drive axle radial tire designed for regional applications
- Advanced Technology Compound Result in 13% lower rolling resistance for improved fuel efficiency
- Aggressive tread design with semi-open shoulder
- Provides exceptional traction and driver confidence
* Venus MICHELIN® XFD® tire.

**MICHELIN® X® MULTI™ ENERGY D**
- Fuel efficient drive tire designed with optimized traction and treadlife
- Dual Energy Compound Tread delivers exceptional fuel efficiency while optimizing traction and wear
- Longer tread life due to an optimized footprint
* When compared to MICHELIN® XDA® ENERGY tire

**MICHELIN® X® ENERGY**
- Leading SmartWay® fuel economy
- 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 guarantee

**MICHELIN® XDA® ENERGY**
- Advanced Technology™ Compounds for outstanding fuel efficiency
- 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 guarantee

**MICHELIN® X ONE® ENERGY Z**
- Delivers a 15% reduction in rolling resistance
- Directional spies and solid shoulders help reduce irregular wear
- Leading SmartWay® fuel economy comes from use of Advanced Technology™ Compounds that deliver low rolling resistance
- Trailer tire designed to replace duals in high scrub regional applications
- Improvement based on comparison vs MICHELIN® X ONE® XTE® tire rolling resistance. Rolling resistance data is determined using drum tests according to ISO 28580 procedures.
- Based on current pull points vs MICHELIN® X ONE® XTE® tire in field testing and observations.

**MICHELIN® X LINE™ ENERGY T**
- No compromise fuel efficiency and mileage
- Advanced Technology™ Tread Compound delivers 10% less rolling resistance than the MICHELIN® XT-1® tire
- Solid tread sculptures optimize the contact patch for excellent wear resistance
- 7/7/3 manufacturer’s limited casing guarantee

**MICHELIN® XDA® ENERGY +**
- Saves $400 per Truck Annually in Fuel vs. a Leading Competitor
- Fuel Savings Limited Guarantee
- Innovative FuelSaver™ End compound provides ultra-low rolling resistance
- Tread design optimized to help provide even wear
- 7/7/3 manufacturer’s limited casing guarantee

**MICHELIN® XONE® XTE® ENERGY Z**
- Designed for regional applications
- Directional spies and solid shoulders
- Deliver a 15% reduction in rolling resistance
- Exceptional fuel efficiency
- Advanced Technology™ Compounds that comes from use of Advanced Technology™ Compounds that deliver low rolling resistance
- trailer, tire size, equipment and maintenance
- * See your MICHELIN® Representative or michelin-truck.com/reference-materials/manuals-bulletins-and-warranties/ for details.

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* Fuel savings calculated based on replacing the Bridgestone M710 Ecopia™ with the MICHELIN® XDA® ENERGY + (X) drive tire positions on a class 8 tandem-drive axle truck.

**TRAILER TIRES**

**MICHELIN® X ONE® XTA® ENERGY**
- Breakthrough Advanced Casing Technology delivers up to 15% improvement in removal mileage by significantly reducing irregular wear
- Excellent fuel economy comes from use of Advanced Technology™ Compounds that deliver low rolling resistance
- Casing life is extended using Michelin’s rectangular bead bundle and full width protector ply to help prevent punctures
* Based on current pull point vs MICHELIN® X ONE® XTA® tire in field testing and observation.

**MICHELIN® X ONE® MULTI™ ENERGY T**
- Deliver a 15% reduction in rolling resistance
- Directional spies and solid shoulders help reduce irregular wear
- Leading SmartWay® fuel economy comes from use of Advanced Technology™ Compounds that deliver low rolling resistance
- Trailer tire designed to replace duals in high scrub regional applications
- Improvement based on comparison vs MICHELIN® X ONE® XTE® tire rolling resistance. Rolling resistance data is determined using drum tests according to ISO 28580 procedures.
- Based on current pull points vs MICHELIN® X ONE® XTE® tire in field testing and observations.

**MICHELIN® X LINE™ ENERGY T**
- No compromise fuel efficiency and mileage
- Advanced Technology™ Tread Compound delivers 10% less rolling resistance than the MICHELIN® XT-1® tire
- Solid tread sculptures optimize the contact patch for excellent wear resistance
- 7/7/3 manufacturer’s limited casing guarantee

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**NOTE:**
- * The MICHELIN® XZ2®, XZ2E®, XZ2E2+, XDN2, XDA2+, XDE4™, XDA3™, XTE3™, XTE2™, XTE1™ tires prior to DOT date 10/11 will still be considered as “verified” for the purposes of the SmartWay® program and for any state or local regulations that use this list as the reference.

**CAUTION:**
- **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 (based on tire DOT date).

To learn more, please contact your MICHELIN Sales Representative or visit www.michelintruck.com

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