WHAT ABOUT RETREADING?

- MICHELIN® X One® tires are retreadable, just like any radial truck tire.
- Infini-Coil Technology™ ensures zero casing growth and better crown endurance.
- MICHELIN® X One® casings are warranted at 100% for 70 weeks when retreaded via the Michelin Retread Technologies (MRT) franchise network. See MRT National Limited Warranty for details.
- MRT offers "like new" tread designs and compounds to help maintain second life performance.
- Other retread processes also offer alternatives for MICHELIN® X One® tire retreading.

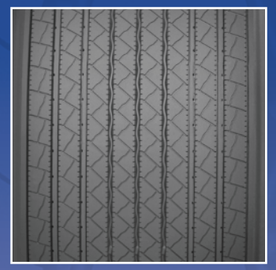


Tread Size		380	390
Tread Depth	32nds	24	
	mm	19	

X One® XDA®
Pre-Mold™ Retread

- Unique fuel-efficient[5] compound to help contribute to greater fuel savings
- Deep tread depth offering long life and excellent all-weather traction
- 24/32nds tread depth

LONG HAUL	REGIONAL	ON/OFF ROAD	URBAN



Tread Size		375
Tread Depth	32nds	13
	mm	10

X One® XTA®
Pre-Mold™ Retread

- Tread design optimized to promote stability and resistance to uneven wear
- Fuel-efficient[5], Advanced Technology™ compound
- Tapered tread extensions to help withstand the stress of long-haul trailer use
- 13/32nds tread depth

LONG HAUL	REGIONAL	ON/OFF ROAD	URBAN



Tread Size		390	400
Tread Depth	32nds	26	
	mm	21	

X One® XDA-HT™
Pre-Mold™ Retread

- Aggressive lug-type design
- Optimized for regional and long-haul operations
- Cool-running compound
- Deep 26/32nds tread depth

LONG HAUL	REGIONAL	ON/OFF ROAD	URBAN

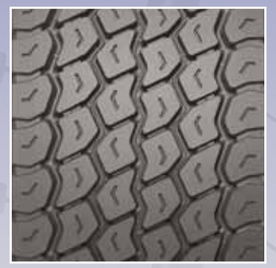


Tread Size		375	385
Tread Depth	32nds	16	
	mm	13	

X One® XTE®
Pre-Mold™ Retread

- Tread design optimized to promote stability and resistance to uneven wear
- Scrub-resistant compound for regional operations
- Tapered tread extensions to help withstand the stress of regional trailer use
- 16/32nds tread depth

LONG HAUL	REGIONAL	ON/OFF ROAD	URBAN



Tread Size		390
Tread Depth	32nds	23
	mm	18

X One® XZU®S
Pre-Mold™ Retread

- Unique two-layer compound designed to minimize casing temperature
- Enhanced protection against stone drilling
- Tread design optimized for all-weather traction
- 23/32nds tread depth

LONG HAUL	REGIONAL	ON/OFF ROAD	URBAN

[5] Fuel savings are estimates based on comparative rolling resistance data. Actual on-road savings may vary.

www.michelintruck.com

MICHELIN NORTH AMERICA (CANADA) INC., 2500 Daniel-Johnson Blvd., Suite 500, Laval, Quebec H7T 2P6

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MWL41924E (C10719-11/11)

COMBAT RISING FUEL COSTS
WITH MICHELIN® X ONE® TIRES.

MICHELIN® X One® Go WIDE Save Green



MICHELIN
A better way forward

THE RIGHT TIRE CHANGES EVERYTHING™

SAVE FUEL. SAVE WEIGHT. SAVE TIME. SAVE GREEN.

They've been on the road a decade, and during that time, MICHELIN® X One® tires have accumulated billions of miles of real-world experience, are running on over 700,000 wheel positions in hundreds of fleets and have been experienced by thousands of truck drivers. MICHELIN® X One® tires have saved nearly 100 million gallons of fuel, provided for several million tons of added freight, saved time by eliminating the need for hundreds of thousands of pressure checks and rotations, and to top it off, they've saved almost 1 million metric tons of CO_2 equivalent greenhouse gases.[1]

[1] Based on rolling resistance analytical study of industry tires within common segment.



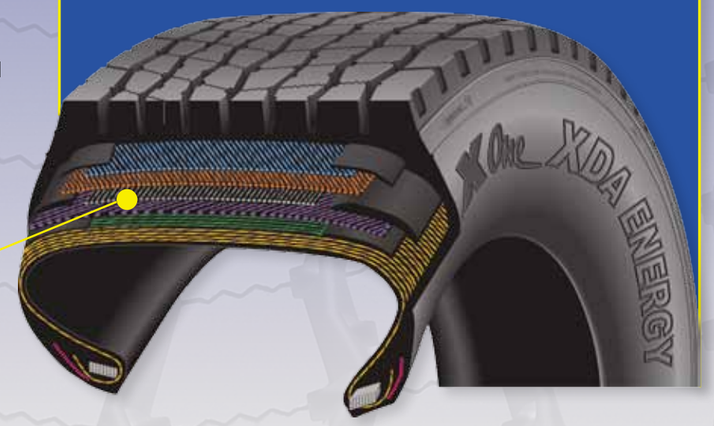
IT'S EASY TO MAKE THE SWITCH FROM DUALS.

Whether you're driving long haul or regional, fuel conscious or high horsepower, low profile 22.5", standard 22.5" or low profile 24.5", we've got you covered. Two drive tires, two trailer tires and two all-position tires have all been sized to simply replace a set of duals with no gearing change required.

INFINI-COIL TECHNOLOGY™

MICHELIN® X One® tire casing architecture introduced the first zero degree (0°) circumferential belt in a production truck tire. We call it Infini-Coil Technology™. Combined with a radial ply, three additional working belts and a full-width protector ply belt, the six-ply package helps provide exceptional vehicle handling and stability. Infini-Coil Technology™ minimizes casing growth and maximizes the tread contact patch.

Tire Technology: On The Inside



SAVE FUEL

Rolling resistance accounts for approximately 35% of fuel consumption. The lower the rolling resistance, the less fuel is consumed.

Rolling resistance is related to the heat generated by the tire's sidewalls and tread design as they flex and squirm. Because MICHELIN® X One® tires have two sidewalls instead of four, and because they're made using advanced technology, **they can reduce rolling resistance by up to 30% compared to duals, saving you up to 10% in fuel.**[2,3]

For most fleets, fuel costs represent the single highest non-payroll operating expense. That's why MICHELIN® X One® tires are so revolutionary—they deliver fuel savings of up to 10%.



REAL-WORLD ROAD TEST

In fact, the most fuel-efficient drive tire in North America[2] is a MICHELIN® X One® tire. A 3,000-mile real-world road test compared the MICHELIN® X One® XDA® Energy tire, together with the MICHELIN® XZA3® tire and the MICHELIN® X One® XTA® tire against the leading competitors' most fuel-efficient tires: the Bridgestone® R287, M720 and R195F tires and the Goodyear® G395™ LHS™ Fuel Max™, G305™ LHD™ Fuel Max™ and G316™ LHT™ Fuel Max™ tires.

THE RESULTS[3] ▶ **THE MICHELIN® MPG* ADVANTAGE:**
7.2% over Bridgestone®
8.3% over Goodyear®



MPG* – 6.88



MPG* – 6.42



MPG* – 6.35

* US Gallon

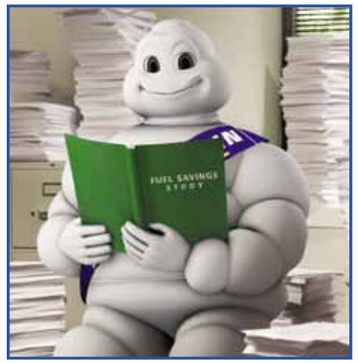
The 3,000-mile real-world road test was commissioned and supervised by an independent third party for testing protocol and integrity.

[2] Estimates based on comparative rolling resistance data. [3] Actual on-road savings may vary.

"We, at Westcan Bulk Transport, wanted to prove ourselves that under real world conditions, the Michelin X One technology could reduce our fuel consumption. I must say that I am very impressed with the final results which proved an 8.16% improvement in fuel economy. We can also gain some lost payload back on weight savings with X One wheels and tires, over 1500 lbs per tractor trailer unit at parity with duals."*

MICHELIN® XZA3®, XDN®2 and XZE2™ vs MICHELIN® XZA3®, X One® XDN®2 and X One® XTE®.

Mike Royer, Director of Fleet Services
Westcan Bulk Transport Ltd.



NEED EVEN MORE PROOF THAT MICHELIN® X ONE® TIRES CAN HELP INCREASE FUEL SAVINGS?

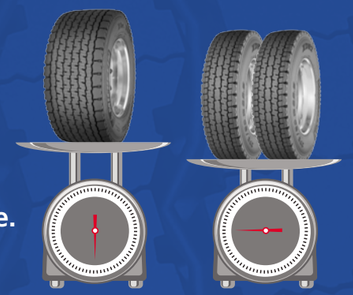
A four-year study sponsored by the U.S. Department of Energy's Vehicle Technologies Program, conducted by Oak Ridge National Laboratory, verifies that wide single tires can save you up to 10% in fuel. The 383-page report found that wide single tires like MICHELIN® X One® tires are more fuel-efficient than duals on heavy trucks, saving 6% overall and 10% with a fully loaded tractor trailer. So the more you haul, the more you save.
(See michelintruck.com for details.)

HOW MUCH COULD YOU SAVE?
Try our fuel savings calculator at www.gowidesavegreen.com to find out.

SAVE WEIGHT

Not only does one MICHELIN® X One® tire take the place of two dual tires, it weighs significantly less than a set of dual tires and wheels. In fact, the MICHELIN® X One® tire is designed to provide a combined weight savings range of 716-1,346 lbs/tractor-trailer combination, which means more payload and increased revenue per trip.

Simply said, most fleets save close to 90 kg (200 lbs) per axle.



WEIGHT SAVINGS EXAMPLES

	DUALS (Aluminum Wheels)	X One® (Light Weight Aluminum Wheels)
	Tire/Wheel x Qty.	Tire/Wheel x Qty.
Steer	72.5 kg x 2 = **145 kg**	72.5 kg x 2 = **145 kg**
Drive	78.5 kg x 8 = **628 kg**	111 kg x 4 = **444 kg**
Trailer	69 kg x 8 = **552 kg**	103 kg x 4 = **412 kg**
Total	**1,325** kg	**1,001** kg
324 kg Savings		

MICHELIN® XZA3®, XDN®2 and XTE® (275/80R22.5) vs XZA3®, X One® XDN®2 and X One® XTE® (445/50R22.5) tires.

	DUALS (Steel Wheels)	X One® (Light Weight Aluminum Wheels)
	Tire/Wheel x Qty.	Tire/Wheel x Qty.
Steer	88.5 kg x 2 = **177 kg**	72.5 kg x 2 = **145 kg**
Drive	94.4 kg x 8 = **755 kg**	111 kg x 4 = **444 kg**
Trailer	84.75 kg x 8 = **678 kg**	103 kg x 4 = **412 kg**
Total	**1,610** kg	**1,001** kg
609 kg Savings		

MICHELIN® XZA3®, XDN®2 and XTE® (275/80R22.5) vs XZA3®, X One® XDN®2 and X One® XTE® (445/50R22.5) tires.



SAVE TIME

There's a reason they say time is money. Since you have **only 10 tires to mount, demount and check pressure per truck,** imagine the savings MICHELIN® X One® tires can offer across your entire fleet over the course of a year. MICHELIN® X One® tires offer simplified pressure maintenance as well, because there is no inside dual to reach and there is only one easy-to-access valve. Also, because of the two-inch outset of the wheel, more brake drum is exposed, allowing the drum to run cooler which increases brake life and requires less maintenance time.

SAVE GREEN

Michelin constantly demonstrates our commitment to a cleaner, greener planet. That's why we've been a SmartWay® Transport Partner since the program's beginning. SmartWay® is an innovative collaboration between the EPA* and the freight sector designed to improve energy efficiency, reduce greenhouse gas and air pollutant emissions, and improve energy security.

Companies like Michelin that participate in SmartWay® Transport programs help save money, reduce fuel consumption and are recognized for their social responsibility and leadership.

Our SmartWay® verified MICHELIN® X One® tires

MICHELIN® X One® XDA® Energy
MICHELIN® X One® XDN®2
MICHELIN® X One® XTA®
MICHELIN® X One® XTE®

*Environmental Protection Agency



DRIVE AND TRAILER MICHELIN® X ONE® TIRES



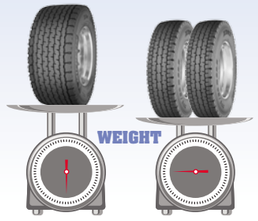
MICHELIN® X ONE® XDA® ENERGY TIRE

- Most fuel-efficient drive tire in North America[4] due to Advanced Technology™ compounding
- Matrix™ Siping Technology helps provide excellent traction and tread block stability
- Directional tread design to maximize even wear



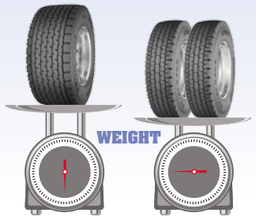
MICHELIN® X ONE® XDN®2 TIRE

- Longest wearing, best traction MICHELIN® X One® drive tire optimized for weight savings
- Matrix™ Siping Technology helps provide excellent traction and tread block stability
- Extra wide tread with an open shoulder design to maximize traction in adverse weather conditions
- SipeSaver Technology helps prevent tearing at the base of the sipes



MICHELIN® X ONE® XTE® TIRE

- Most scrub-resistant MICHELIN® X One® trailer tire optimized for weight savings
- Unique nine-rib design helps deliver stability and excellent resistance to uneven wear
- Scuff bar curbing buffer provides added defense against curbing



MICHELIN® X ONE® XTA® TIRE

- Most fuel-efficient MICHELIN® X One® trailer tire due to Advanced Technology™ compounding
- Four decoupling ribs help deliver stability and excellent resistance to uneven rib wear
- Scuff bar curbing buffer provides added defense against curbing



SIZES AND TECHNICAL SPECS

Tread	Dimension	Load Range	MSPN	MPH	Loaded Radius		Overall Diameter		Overall Width		Approved Rim	Revs Per Mile	Tread Depth		Tire Single		Weight
					in.	mm	in.	mm	in.	mm	in.		32nds	mm	Max Load kg	PSI	kg
X One® XDA® Energy	445/50R22.5	L	21881	75	18.5	471	40.1	1019	17.2	436	14.00	518	24	19	4,625	120	82
X One® XDA® Energy	455/55R22.5	L	57105	75	19.3	490	41.8	1062	17.6	448	14.00	498	24	19	5,000	120	89
X One® XDN®2	445/50R22.5	L	36587	75	18.7	474	40.4	1026	17.1	435	14.00	515	27	21	4,625	120	83
X One® XDN®2	455/55R22.5	L	31535	75	19.5	495	42.3	1076	17.6	446	14.00	492	27	21	5,000	120	92
X One® XTA®	445/50R22.5	L	49694	75	18.2	463	39.5	1003	17.1	435	14.00	527	13	10	4,625	120	73
X One® XTE®	445/50R22.5	L	59070	75	18.3	464	39.7	1008	17.1	435	14.00	525	16	13	4,625	120	75
X One® XTE®*	455/55R22.5	L	30574	75	19.2	488	41.7	1059	17.6	448	14.00	499	16	13	5,000	120	82

*MICHELIN® X One® XTE® tire with chip- and cut-resistant tread compound.

MICHELIN® tires and tubes are subject to a continuous development program. Michelin North America (Canada) Inc. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer.

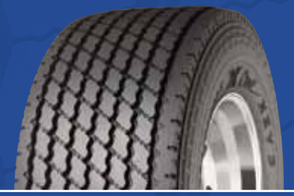
[4] Estimates based on comparative rolling resistance data commissioned by an independent third party on drive tires from the SmartWay® verified technologies list. Actual on-road savings may vary.

ALL-POSITION MICHELIN® X ONE® TIRES



MICHELIN® X ONE® XZU®S TIRE

- All-position MICHELIN® X One® tire designed for weight and fuel savings in urban/regional operations
- Application-specific compounds combining scrub-resistant tread rubber with a cooler base tread rubber for long tread life in urban/regional service
- Aggressive shoulder rib design for outstanding wet and soft soil traction
- Extra sidewall/shoulder thickness and aggressive protector rib design help provide protection against shock and impacts
- Groove bottom protectors help eject stones and protect against stone drilling



MICHELIN® X ONE® XZY®3 TIRE

- All-position MICHELIN® X One® tire designed for weight and fuel savings in on/off road operations
- Aggressive shoulder rib design for outstanding wet and soft soil traction
- Extra sidewall/shoulder thickness and aggressive protector rib design help provide protection against shock and impacts
- Groove bottom protectors help eject stones and protect against stone drilling

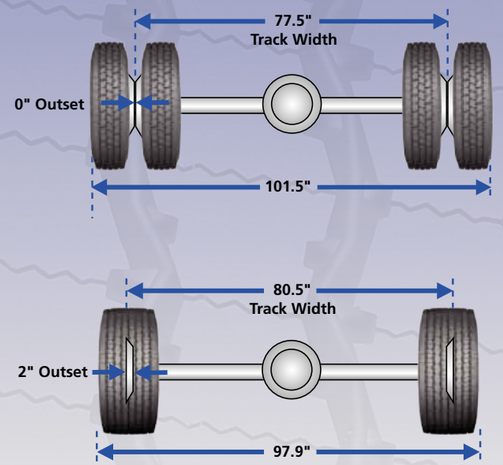
SIZES AND TECHNICAL SPECS

Tread	Dimension	Load Range	MSPN	MPH	Loaded Radius		Overall Diameter		Overall Width		Approved Rim	Revs Per Mile	Tread Depth		Tire Single		Weight
					in.	mm	in.	mm	in.	mm	in.		32nds	mm	Max Load kg	PSI	kg
X One® XZU®S	455/55R22.5	M	28513	75	19.4	492	41.9	1065	17.8	452	14.00	496	23	18	5,300	130	92
X One® XZY®3	455/55R22.5	M	11629	75	19.4	492	41.9	1065	17.8	452	14.00	496	23	18	5,300	130	92

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WHAT ABOUT STABILITY AND TRACTION?

Vehicle stability is a function of its track width and the height of its center of gravity. While the overall sidewall-to-sidewall width is reduced with MICHELIN® X One® tires, the use of the outset wheel extends the vehicle track width by over three inches. **This wider track helps improve stability.** And what about traction? Just look at the footprint. **A big footprint means great traction.**





MICHELIN® X One® XDA® Energy Tire Footprint



WHAT ABOUT AVAILABILITY ON THE ROAD?

When it comes to tires, we've got you covered from coast to coast. MICHELIN® X One® tires are available at over 1,400 servicing dealers and travel plazas across North America. And if you need tires on the road, our MICHELIN® ONCall™ emergency road service is available 24/7/365 at **1-800-TIRE-911 (1-800-847-3911).**



WHAT'S HOLDING YOU BACK?

We are so confident that MICHELIN® X One® tires will deliver on their promise of fuel savings and weight savings that **we'll guarantee total satisfaction**, both for your driver and for you. For the first sixty (60) days following the installation of a full set of MICHELIN® X One® truck tires, if the driver is not completely satisfied with the traction and handling of the MICHELIN® X One® truck tires for any reason, Michelin will issue a credit note for the original value of the tire and wheel upon their return plus $30 per assembly to cover the dealer service work required. **For you, we guarantee our performance claims.** If the MICHELIN® X One® tire fails to satisfy the owner's expectations in terms of mileage, fuel and/or weight savings after the original life of the tire, we will buy back the casing for $110 and the wheel for 75% of its original value (credit memo). See a Michelin Sales Representative for complete details.

