

TOYO TIRES®

COMMERCIAL TRUCK TIRES



A large semi-trailer is shown from a low angle, emphasizing its size. The trailer has a striking design with diagonal stripes in shades of blue and black. The words "TOYO TIRES" are prominently displayed in white, bold, italicized capital letters on the side of the trailer. The trailer is parked on a dark asphalt surface under a clear blue sky with some light clouds. The front of the truck, including the wheels and part of the cab, is visible on the right side of the frame.

TOYO TIRES

SUPE

A front-facing view of a dark blue commercial truck, likely a semi-truck, under a clear blue sky. The truck features a large chrome grille with a green diamond-shaped logo in the center. The word "RIOR" is superimposed in large, white, sans-serif capital letters across the middle of the image, with the letters partially obscuring the truck's grille and hood. The truck has multiple orange marker lights on the roof and side mirrors. A "TOYO TIRES" badge is visible on the lower right of the front bumper.

RIOR

THE LEADING VALUE ALTERNATIVE.

Toyo commercial tires combine top-tier product performance, application versatility, and a competitive acquisition point for a lower cost per mile, making it a leading value alternative brand. Peace of mind and maximum profitability are standard with every purchase.

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APPLICATION CHART

No matter what your application, occupation, or truck type, we have the right tire at the right price to keep you on the road to maximum profitability.

SEGMENT		APPLICATION	TRUCK SEGMENT
 HIGH SPEED  LOW SPEED	EXTREME LONG HAUL	A Light loads and/or high speeds coupled with long driving periods.	<ul style="list-style-type: none"> • Truckload Carrier • Produce • Just-in-Time Freight
	LONG HAUL	B Normal loads with shorter driving time. Speed is usually governed.	<ul style="list-style-type: none"> • Truckload/LTL • General Commodity • Coach Bus
	REGIONAL	C Shorter hauls where vehicles can return home each evening.	<ul style="list-style-type: none"> • Pickup & Delivery • Food & Liquids • On-Highway Construction
	URBAN	D Stop-and-go driving in a very local area (city-metro).	<ul style="list-style-type: none"> • Refuse/Sanitation • School Bus
	ON/OFF-ROAD	E Severe service with a mix of highway and tough road conditions.	<ul style="list-style-type: none"> • Road Construction • Forestry • Energy & Utilities
	17.5 & 19.5	F Regional, Urban and On/Off Road vehicles.	<ul style="list-style-type: none"> • Service Trucks • Utilities • Package Delivery

 **HIGH MILES 1/32"**
 **LOW MILES 1/32"**

APPLICATION CHART

We are proud to manufacture EPA SmartWay and CARB compliant verified technologies.

EPA SMARTWAY

	M137™	EXTREME LONG HAUL STEER TIRE
	M144™	REGIONAL ALL-POSITION TIRE
	M154™	URBAN ALL-POSITION TIRE
	M157™	LONG HAUL TRAILER TIRE
	M171™	SUPER REGIONAL STEER TIRE
	M175™	LONG HAUL TRAILER TIRE
	M177™	LONG HAUL STEER TIRE
	M650™	URBAN DRIVE TIRE
	M671™	SUPER REGIONAL DRIVE TIRE
	M675™	LONG HAUL DRIVE TIRE
	M677™	LONG HAUL DRIVE TIRE

THIS COMPANY MANUFACTURES:

- EPA SmartWay-verified technologies
- Verified equipment for SmartWay certified tractors and/or trailers



WHAT IS SMARTWAY?

The SmartWay-verified technologies program identifies products and services that reduce transportation-related emissions, including low-rolling-resistance tires.

CARB REGULATIONS

The California Air Resources Board (CARB) requires all day cab tractors that pull 53-foot or longer box-type trailers to run on low-rolling-resistance tires that have been verified on the EPA's list of SmartWay-verified technologies.

PEACE OF MIND, MILE AFTER MILE

We believe so strongly in our quality that we offer a 66-month limited warranty on our entire truck tire line. It includes casing allowances for two retreads and a retread rubber allowance for the first cap. Our warranty is yet another reason why Toyo Tires is the right choice. Contact your local Toyo Tires Regional Sales Representative for additional details.

For casings of an eligible tire within the warranty period, Toyo Tires will do the following:

If the casing of an eligible tire with at least 2/32" remaining tread depth becomes unserviceable during the warranty period due to a warrantable condition within the first or second retread, you will receive the applicable casing allowance specified below. The number of retreads must be identified on the sidewall of the eligible tire.

CASING ALLOWANCES BY SIZE	1ST RETREAD	2ND RETREAD
215/75R17.5	\$40.00	\$20.00
235/75R17.5, 245/70R17.5	\$40.00	\$20.00
8R19.5	\$40.00	\$20.00
225/70R19.5, 245/70R19.5	\$40.00	\$20.00
265/70R19.5, 285/70R19.5	\$40.00	\$20.00
9R22.5	\$45.00	\$20.00
245/75R22.5, 265/75R22.5	\$45.00	\$20.00
10R22.5	\$50.00	\$25.00
255/70R22.5	\$50.00	\$25.00
305/70R19.5	\$110.00	\$80.00
295/75R22.5, 295/80R22.5	\$110.00	\$80.00
11R22.5, 12R22.5	\$110.00	\$80.00
385/65R22.5, 315/80R22.5	\$110.00	\$80.00
11R24.5, 285/75R24.5	\$110.00	\$80.00
425/65R22.5, 445/50R22.5	\$110.00	\$80.00

If the casing of an eligible tire with at least 2/32" remaining tread depth becomes unserviceable due to a warrantable condition during the first retread within the warranty period, in addition to the casing allowance described above, you will also receive the applicable rubber allowance specified below.

REMAINING TREAD DEPTH	RUBBER ALLOWANCE
15/32" OR MORE	\$50.00
8/32" TO 14/32"	\$30.00
7/32" OR LESS	NO ALLOWANCE

EXTREME LONG HAUL (A)







PRO



VEN

EXTREME LONG HAUL (A)

EXTREME LONG HAUL (A)

STEER	DRIVE	TRAILER
M137	M677	M157
		
WHEEL POSITION STEER	WHEEL POSITION DRIVE	WHEEL POSITION TRAILER
FUEL EFFICIENCY 4.5	FUEL EFFICIENCY 4.5	FUEL EFFICIENCY 5.0
TREAD LIFE 5.0	TREAD LIFE 4.0	TREAD LIFE 3.0
TRACTION 4.0	TRACTION 4.0	TRACTION 3.0
RETREADABILITY 5.0	RETREADABILITY 5.0	RETREADABILITY 4.0
CUT & CHIP RESISTANCE 3.0	CUT & CHIP RESISTANCE 3.5	CUT & CHIP RESISTANCE 3.0
 SmartWay	 SmartWay	 SmartWay
TREAD DEPTH 15/32" SIZES	TREAD DEPTH 28/32" SIZES	TREAD DEPTH 13/32" SIZES
11R22.5 G/14 11R22.5 H/16 295/75R22.5 G/14 295/75R22.5 H/16 11R24.5 G/14 11R24.5 H/16 285/75R24.5 G/14 285/75R24.5 H/16	11R22.5 G/14 11R22.5 H/16 295/75R22.5 G/14 295/75R22.5 H/16 11R24.5 G/14 11R24.5 H/16 285/75R24.5 G/14	11R22.5 G/14 295/75R22.5 G/14 11R24.5 G/14 285/75R24.5 G/14
REPLACES Bridgestone R284 Ecopia Continental HS3 Eco Plus Goodyear Endurance LHS Michelin X Line Energy Z Yokohama 101ZL Spec-2	REPLACES Bridgestone M713 Ecopia Continental HDL Eco Plus Goodyear Endurance LHD Michelin X Line Energy D Yokohama 712L	REPLACES Bridgestone R123 Ecopia Continental HT3 Eco Plus Goodyear Fuel Max LHT Michelin X Line Energy T Yokohama BluEarth 109L

TIRE SIZE	LOAD RANGE & PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMART WAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
295/75R22.5	G / 14	M137	547010	15/32	YES	R	-	S	41
295/75R22.5	G / 14	M677	540070	28/32	YES	-	R	-	65
295/75R22.5	G / 14	M157	541400	13/32	YES	S	-	R	47
295/75R22.5	H / 16	M677	540240	28/32	YES	-	R	-	65
295/75R22.5	H / 16	M137	546100	15/32	YES	R	-	S	41
11R22.5	G / 14	M137	547030	15/32	YES	R	-	S	41
11R22.5	H / 16	M137	546990	15/32	YES	R	-	S	41
11R22.5	G / 14	M677	540130	28/32	YES	-	R	-	65
11R22.5	H / 16	M677	540230	28/32	YES	-	R	-	65
11R22.5	G / 14	M157	541420	13/32	YES	S	-	R	47
285/75R24.5	G / 14	M137	547020	15/32	YES	R	-	S	41
285/75R24.5	G / 14	M677	540110	28/32	YES	-	R	-	65
285/75R24.5	G / 14	M157	541410	13/32	YES	S	-	R	47
285/75R24.5	H / 16	M137	547070	15/32	YES	R	-	S	41
11R24.5	G / 14	M137	547050	15/32	YES	R	-	S	41
11R24.5	H / 16	M137	546980	15/32	YES	R	-	S	41
11R24.5	G / 14	M677	540120	28/32	YES	-	R	-	65
11R24.5	H / 16	M677	540250	28/32	YES	R	-	S	65
11R24.5	G / 14	M157	541430	13/32	YES	S	-	R	47

"R" = Recommended, "S" = Suitable

LONG HAUL (B)

STEER

LONG HAUL (B)

M137



M177



M144



WHEEL POSITION

STEER

FUEL EFFICIENCY

5.0

TREAD LIFE

4.5

TRACTION

4.0

RETREADABILITY

5.0

CUT & CHIP RESISTANCE

3.0



SmartWay

TREAD DEPTH

15/32" SIZES

11R22.5 G/14
11R22.5 H/16
11R24.5 G/14
295/75R22.5 G/14
295/75R22.5 H/16
285/75R24.5 G/14
285/75R24.5 H/16

REPLACES

Bridgestone R284 Ecopia
Continental HS3 Eco Plus
Goodyear Endurance LHS
Michelin X Line Energy Z
Yokohama 101ZL Spec-2

WHEEL POSITION

STEER

FUEL EFFICIENCY

5.0

TREAD LIFE

5.0

TRACTION

5.0

RETREADABILITY

5.0

CUT & CHIP RESISTANCE

3.0



SmartWay

TREAD DEPTH

18/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
295/75R22.5 H/16
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G/14
285/75R24.5 H/16

REPLACES

Bridgestone R284 Ecopia
Continental HS3 Eco Plus
Goodyear Endurance LHS
Michelin X Line Energy Z
Yokohama 101ZL Spec-2

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY

5.0

TREAD LIFE

4.5

TRACTION

5.0

RETREADABILITY

5.0

CUT & CHIP RESISTANCE

3.0



SmartWay

TREAD DEPTH

19/32" SIZES

295/80R22.5 H/16
305/70R22.5 L/20
315/80R22.5 L/20

REPLACES

Bridgestone R249
Continental HA3 Coach
Goodyear G670 RV MRT
Michelin X Line Energy Z Coach
Yokohama 104ZR Spec-2



DRIVE

M677



M671



M647



M675



M920A



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 4.5

TREAD LIFE 4.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 3.5



TREAD DEPTH

28/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
295/75R22.5 H/16
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G/14

REPLACES

Bridgestone M710 Ecopia
Continental HDL Eco Plus
Goodyear Endurance LHD
Michelin X Line Energy D
Yokohama 712L

WHEEL POSITION

DRIVE

FUEL EFFICIENCY 4.5

TREAD LIFE 4.5

TRACTION 4.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 3.0



TREAD DEPTH

26/32" SIZES

295/75R22.5 G/14
11R22.5 G/14
11R22.5 H/16

REPLACES

Bridgestone M760 Ecopia
Michelin X Multi Energy D
Yokohama 709ZL

NANOENERGY

WHEEL POSITION

DRIVE

FUEL EFFICIENCY 2.0

TREAD LIFE 5.0

TRACTION 4.5

RETREADABILITY 3.5

CUT & CHIP RESISTANCE 4.0



TREAD DEPTH

25/32" SIZES

255/70R22.5 H/16

29/32" SIZES

12R22.5 H/16

30/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G/14

REPLACES

Bridgestone M726ELA
Continental HDR2
Goodyear Endurance LHD
Michelin XDA5+
Yokohama TY527

WHEEL POSITION

DRIVE

FUEL EFFICIENCY 5.0

TREAD LIFE 3.0

TRACTION 3.0

RETREADABILITY 3.0

CUT & CHIP RESISTANCE 3.0



TREAD DEPTH

24/32" SIZES

445/50R22.5 L/20

REPLACES

Bridgestone M835A Ecopia
Continental HDL2 Eco Plus
Goodyear Fuel Max SSD
Michelin X One Line Energy D
Yokohama BluEarth 709L

NANOENERGY

WHEEL POSITION

DRIVE

FUEL EFFICIENCY 2.5

TREAD LIFE 4.0

TRACTION 4.5

RETREADABILITY 3.0

CUT & CHIP RESISTANCE 3.0



TREAD DEPTH

27/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
11R24.5 H/16
285/75R24.5 G/14

29/32" SIZES

315/80R22.5 L/20

REPLACES

Continental HD3 Urban
Michelin XDN2
Yokohama SY767



Three-Peak Mountain
Snowflake qualified.

TRAILER

M157



M122



M175



LONG HAUL (B)

WHEEL POSITION

TRAILER

FUEL EFFICIENCY 5.0

TREAD LIFE 5.0

TRACTION 4.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 2.5



TREAD DEPTH

13/32" SIZES

11R22.5 G/14
295/75R22.5 G/14
11R24.5 G/14
285/75R24.5 G/14

REPLACES

Bridgestone R123 Ecopia
Continental HT3 Eco Plus
Goodyear Fuel Max LHT
Michelin X Line Energy T
Yokohama BluEarth 109L

WHEEL POSITION

TRAILER

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 5.0

RETREADABILITY 3.5

CUT & CHIP RESISTANCE 4.0

TREAD DEPTH

17/32" SIZES

255/70R22.5 H/16
11R22.5 G/14
295/75R22.5 G/14
11R24.5 G/14
285/75R24.5 G/14

REPLACES

Bridgestone R196
Continental HSR2 SA
Goodyear Marathon RSA
Michelin XTE
Yokohama RY023

WHEEL POSITION

TRAILER

FUEL EFFICIENCY 5.0

TREAD LIFE 3.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 3.5



TREAD DEPTH

13/32" SIZES

445/50R22.25 L/20

REPLACES

Bridgestone R197 Ecopia
Continental HTL1
Goodyear Fuel Max SST
Michelin X One Line Energy T
Yokohama BluEarth 109L

NANOENERGY®

LONG HAUL (B)

OUTLAST



SIZES

LONG HAUL (B)

TIRE SIZE	LOAD RANGE & PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMART WAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
255/70R22.5	H / 16	M122	548150	17/32	NO	S	S	R	40
255/70R22.5	H / 16	M647	558350	25/32	NO	-	R	-	57
295/75R22.5	G / 14	M177	547090	18/32	YES	R	S	S	49
295/75R22.5	G / 14	M677	540070	28/32	YES	-	R	-	61
295/75R22.5	G / 14	M122	548000	17/32	YES	S	S	R	61
295/75R22.5	G / 14	M647	558300	30/32	NO	-	R	-	60
295/75R22.5	G / 14	M157	541400	13/32	YES	S	-	R	47
295/75R22.5	H / 16	M177	547130	18/32	YES	R	S	S	49
295/80R22.5	H / 16	M144	548080	19/32	YES	R	S	S	43
305/70R22.5	L / 20	M144	548170	19/32	YES	R	S	S	43
315/80R22.5	L / 20	M144	548630	19/32	YES	R	S	S	43
11R22.5	G / 14	M177	547270	18/32	YES	R	S	S	49
11R22.5	G / 14	M122	548020	17/32	NO	-	-	R	40
11R22.5	G / 14	M677	540130	28/32	YES	-	R	-	61
11R22.5	G / 14	M647	558070	30/32	NO	-	R	-	60
11R22.5	G / 14	M157	541420	13/32	YES	S	-	R	47
11R22.5	H / 16	M177	547280	18/32	YES	R	S	S	49
11R22.5	H / 16	M647	558090	30/32	NO	-	R	-	60
12R22.5	H / 16	M647	558360	30/32	NO	-	R	-	60
285/75R24.5	G / 14	M177	547180	18/32	YES	R	S	S	49
285/75R24.5	G / 14	M677	540110	28/32	YES	-	R	-	61
285/75R24.5	G / 14	M647	558160	30/32	NO	-	R	-	60
285/75R24.5	G / 14	M157	541410	13/32	YES	S	-	R	47
285/75R24.5	H / 16	M177	547170	18/32	YES	R	S	S	49
285/75R24.5	G / 14	M122	548030	17/32	NO	S	S	R	40
11R24.5	G / 14	M177	547290	18/32	YES	R	S	S	49
11R24.5	G / 14	M677	540120	28/32	YES	-	R	-	61
11R24.5	G / 14	M647	558170	30/32	NO	-	R	-	60
11R24.5	G / 14	M157	541430	13/32	YES	S	-	R	47
11R24.5	H / 16	M177	547400	18/32	YES	R	S	S	49
11R24.5	G / 14	M122	548010	17/32	NO	S	S	R	40
11R24.5	H / 16	M647	558180	30/32	NO	-	R	-	60
385/65R22.5	L / 20	M149	562010	20/32	NO	-	-	R	43
445/50R22.5	L / 20	M175	500120	13/32	YES	-	-	R	50
445/50R22.5	L / 20	M675	500130	24/32	YES	-	R	-	64

"R" = Recommended, "S" = Suitable



LONG HAUL (B)

REGIONAL (C)

STEER

REGIONAL (C)

M171



M154



M170



M122



M144



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 5.0

TREAD LIFE 4.5

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 3.5



TREAD DEPTH

20/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
295/74R22.5 H/16

REPLACES

Bridgestone R284
Continental HSL3
Goodyear LHS
Michelin X Multi Energy Z2

NANOENERGY®

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 5.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 4.0



TREAD DEPTH

19/32" SIZES

245/75R22.5 G/14
265/75R22.5 G/14

22/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
295/75R22.5 H/16
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G/14

REPLACES

Bridgestone R268 Ecopia
Continental HSR3
Goodyear Fuel Max RSA
Michelin X Multi Energy Z
Yokohama 108R

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 4.0

TRACTION 3.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 4.0



TREAD DEPTH

17/32" SIZES

9R22.5 G/14
19/32" SIZES
10R22.5 G/14
11R22.5 H/16
295/75R22.5 H/16
11R24.5 H/16
12R22.5 H/16

REPLACES

Continental HSR3
Goodyear Fuel Max RSA
Michelin XZE2
Yokohama 104ZR

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 3.5

RETREADABILITY 3.5

CUT & CHIP RESISTANCE 4.0

TREAD DEPTH

17/32" SIZES

255/70R22.5 H/16
11R22.5 G/14
295/75R22.5 G/14
11R24.5 G/14
285/75R24.5 G/14

REPLACES

Bridgestone R196
Continental HSR2 SA
Goodyear Marathon RSA
Michelin XTE
Yokohama RY023

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 5.0

TREAD LIFE 4.5

TRACTION 5.0

RETREADABILITY 5.0

CUT & CHIP RESISTANCE 3.0



TREAD DEPTH

19/32" SIZES

295/80R22.5 H/16
305/70R22.5 L/20
315/80R22.5 L/20

REPLACES

Bridgestone R249
Continental HA3 Coach
Goodyear G670 RV MRT
Michelin X Line Energy Z Coach
Yokohama 104ZR Spec-2



DRIVE

M647



M671



M610 / M650



M920A



WHEEL POSITION

DRIVE

FUEL EFFICIENCY

2.5

TREAD LIFE

5.0

TRACTION

4.5

RETREADABILITY

3.5

CUT & CHIP
RESISTANCE

4.0



TREAD DEPTH

25/32" SIZES

255/70R22.5 H/16

30/32" SIZES

11R22.5 G/14

11R22.5 H/16

295/75R22.5 G/14

11R24.5 G/14

11R24.5 H/16

285/75R24.5 G/14

REPLACES

Bridgestone M726ELA

Continental HDR2

Goodyear Endurance LHD

Michelin XDA5+

Yokohama TY527

WHEEL POSITION

DRIVE

FUEL EFFICIENCY

4.5

TREAD LIFE

4.5

TRACTION

4.5

RETREADABILITY

4.0

CUT & CHIP
RESISTANCE

3.0



SmartWay

TREAD DEPTH

26/32" SIZES

295/75R22.5 G/14

11R22.5 G/14

11R22.5 H/16

REPLACES

Bridgestone M760 Ecopia

Michelin X Multi Energy D

Yokohama 709ZL

NANOENERGY

WHEEL POSITION

DRIVE

FUEL EFFICIENCY

3.5

TREAD LIFE

2.5

TRACTION

5.0

RETREADABILITY

3.5

CUT & CHIP
RESISTANCE

4.0



SmartWay*

TREAD DEPTH

28/32" SIZES

11R22.5 G/14

11R22.5 H/16

295/75R22.5 G/14

11R24.5 G/14

11R24.5 H/16

285/75R24.5 G/14

REPLACES

Bridgestone M760

Continental HDR2

Goodyear G182 RSD

Michelin Multi D

Michelin X Line Energy D

Yokohama 709ZL

Yokohama 715R

*M650 Only.

WHEEL POSITION

DRIVE

FUEL EFFICIENCY

2.5

TREAD LIFE

4.0

TRACTION

4.5

RETREADABILITY

3.0

CUT & CHIP
RESISTANCE

3.0



TREAD DEPTH

19/32" SIZES

315/80R22.5 L/20

27/32" SIZES

11R22.5 G/14

11R22.5 H/16

295/75R22.5 G/14

11R24.5 H/16

285/75R24.5 G/14

315/80R22.5 L/20

REPLACES

Continental HD3 Urban

Michelin XDN2

Yokohama SY767



Three-Peak Mountain
Snowflake qualified.

TRAILER

M157



M122



M149



WHEEL POSITION

TRAILER

FUEL EFFICIENCY 5.0

TREAD LIFE 5.0

TRACTION 4.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 2.5



TREAD DEPTH

13/32" SIZES

11R22.5 G/14
295/75R22.5 G/14
11R24.5 G/14
285/75R24.5 G/14

REPLACES

Bridgestone R123 Ecopia
Continental HT3 Eco Plus
Goodyear Fuel Max LHT
Michelin X Line Energy T
Yokohama BLUEARTH 109L

WHEEL POSITION

TRAILER

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 3.5

RETREADABILITY 3.5

CUT & CHIP RESISTANCE 4.0

TREAD DEPTH

17/32" SIZES

255/70R22.5 H/16
11R22.5 G/14
295/75R22.5 G/14
11R24.5 G/14
285/75R24.5 G/14

REPLACES

Bridgestone R196
Continental HSR2 SA
Goodyear Marathon RSA
Michelin XTE
Yokohama RY023

WHEEL POSITION

TRAILER

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 3.5

TREAD DEPTH

20/32" SIZES

385/65R22.5 L/20

21/32" SIZES

425/65R22.5 L/20

REPLACES

Bridgestone R244
Continental HTR2
Goodyear G296 MSA
Michelin XFE
Yokohama RY253



REGIONAL (C)

REGIONAL (C)

RELIABLE



SIZES

REGIONAL (C)

TIRE SIZE	LOAD RANGE & PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMART WAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
245/75R22.5	G / 14	M154	548770	19/32	YES	R	S	S	46
255/70R22.5	H / 16	M122	548150	17/32	NO	R	S	R	40
255/70R22.5	H / 16	M647	558350	25/32	NO	-	R	-	60
265/75R22.5	G / 14	M154	548760	19/32	YES	R	S	S	46
9R22.5	F / 12	M170	546030	17/32	NO	R	S	S	48
9R22.5	G / 14	M608	556000	19/32	NO	-	R	-	58
10R22.5	G / 14	M170	548350	19/32	NO	R	S	S	48
295/75R22.5	G / 14	M154	548250	22/32	YES	R	S	S	46
295/75R22.5	G / 14	M122	548000	17/32	NO	R	S	R	40
295/75R22.5	G / 14	M647	558300	30/32	NO	-	R	-	60
295/75R22.5	G / 14	M650	558000	28/32	YES	-	R	-	61
295/75R22.5	G / 14	M677	540070	28/32	YES	-	R	-	65
295/75R22.5	G / 14	M610	556510	28/32	NO	-	R	-	59
295/75R22.5	G / 14	M157	541400	13/32	YES	-	-	R	47
295/75R22.5	G / 14	M171	520040	20/32	YES	R	R	R	49
295/75R22.5	G / 14	M920A	540170	27/32	NO	-	R	-	67
295/75R22.5	H / 16	M154	548230	22/32	YES	R	S	S	46
295/75R22.5	H / 16	M170	546020	19/32	NO	R	S	S	48
295/80R22.5	H / 16	M144	548080	19/32	YES	R	S	S	43
295/75R22.5	H / 16	M171	520030	20/32	YES	R	R	R	49
305/70R22.5	L / 20	M144	548970	19/32	YES	R	S	S	43
315/80R22.5	L / 20	M144	548370	19/32	YES	R	S	S	43
315/80R22.5	L / 20	M153	500040	26/32	NO	R	S	S	45
315/80R22.5	L / 20	M920A	540190	29/32	NO	-	R	-	67
11R22.5	G / 14	M154	548330	22/32	YES	R	S	S	47
11R22.5	G / 14	M122	548020	17/32	NO	R	S	R	40
11R22.5	G / 14	M647	558070	30/32	NO	-	R	-	60
11R22.5	G / 14	M650	558820	28/32	YES	-	R	-	61
11R22.5	G / 14	M677	540130	28/32	YES	-	R	-	65
11R22.5	G / 14	M920	540100	27/32	NO	-	R	-	66-67
11R22.5	G / 14	M610	556350	28/32	NO	-	R	-	59
11R22.5	G / 14	M157	541420	13/32	YES	-	-	R	47
11R22.5	G / 14	M171	520020	20/32	YES	R	R	R	49
11R22.5	H / 16	M154	548310	22/32	YES	R	S	S	46
11R22.5	H / 16	M170	546000	19/32	NO	R	S	S	48
11R22.5	H / 16	M647	558090	30/32	NO	-	R	-	60
11R22.5	H / 16	M920A	540090	27/32	NO	-	R	-	66-67
11R22.5	H / 16	M650	558830	28/32	YES	-	R	-	61
11R22.5	H / 16	M610	556330	28/32	NO	-	R	-	59
12R22.5	H / 16	M170	546310	19/32	NO	R	S	S	48
12R22.5	H / 16	M647	558360	30/32	NO	-	R	-	60
11R22.5	H/16	M171	520010	20/32	YES	R	R	R	49
11R22.5	H / 16	M671	500550	26/32	YES	-	R	-	63
285/75R24.5	G / 14	M154	548260	22/32	YES	R	S	S	46
285/75R24.5	G / 14	M122	548030	17/32	NO	R	S	R	40
285/75R24.5	G / 14	M647	558160	30/32	NO	-	R	-	60
285/75R24.5	G / 14	M610	556500	28/32	NO	-	R	-	59
285/75R24.5	G / 14	M677	540110	28/32	YES	-	R	-	65
285/75R24.5	G / 14	M920A	540160	27/32	NO	-	R	-	66-67
285/75R24.5	G / 14	M157	541410	13/32	YES	-	-	R	47
11R24.5	G / 14	M154	548300	22/32	YES	R	S	S	46
11R24.5	G / 14	M122	548010	17/32	NO	R	S	R	40
11R24.5	G / 14	M647	558170	30/32	NO	-	R	-	60
11R24.5	G / 14	M610	556460	28/32	NO	-	R	-	59
11R24.5	G / 14	M157	541430	13/32	YES	-	-	R	47
11R24.5	H / 16	M154	548290	22/32	YES	R	S	S	46
11R24.5	H / 16	M170	546010	19/32	NO	R	S	S	48
11R24.5	H / 16	M647	558180	30/32	NO	-	R	-	60
11R24.5	H / 16	M610	556470	28/32	NO	-	R	-	59
11R24.5	H / 16	M920A	540140	27/32	NO	-	R	-	66-67

"R" = Recommended, "S" = Suitable



STEER

URBAN (D)

M154



M170



M144



M122



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 5.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 4.0



TREAD DEPTH

19/32" SIZES

245/75R22.5 G/14
265/75R22.5 G/14

22/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
295/75R22.5 H/16
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G/14

REPLACES

Bridgestone R268 Ecopia
Continental HSR3
Goodyear Fuel Max RSA
Michelin X Multi Energy Z
Yokohama 108R

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 4.0

TRACTION 3.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 4.0



TREAD DEPTH

19/32" SIZES

9R22.5 F/12
10R22.5 G/14
11R22.5 H/16
295/75R22.5 H/16
11R24.5 H/16
12R22.5 H/16

REPLACES

Continental HSR3
Goodyear Fuel Max RSA
Michelin XZE2
Yokohama 104ZR

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 5.0

TREAD LIFE 4.5

TRACTION 5.0

RETREADABILITY 5.0

CUT & CHIP RESISTANCE 3.0



TREAD DEPTH

19/32" SIZES

295/80R22.5 H/16
305/70R22.5 L/20
315/80R22.5 L/20

REPLACES

Bridgestone R249
Continental HA3 Coach
Goodyear G670 RV MRT
Michelin X Line Energy Z Coach
Yokohama 104ZR Spec-2



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 3.5

RETREADABILITY 3.5

CUT & CHIP RESISTANCE 4.0

TREAD DEPTH

17/32" SIZES

255/70R22.5 H/16
11R22.5 G/14
295/75R22.5 G/14
11R24.5 G/14
285/75R24.5 G/14

REPLACES

Bridgestone R196
Continental HSR2 SA
Goodyear Marathon RSA
Michelin XTE
Yokohama RY023

STEER (CONTINUED)

M320



M320 WB



M325



M153



M149



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 2.5

TREAD LIFE 3.0

TRACTION 3.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 5.0

TREAD DEPTH

20/32" SIZES

255/70R22.5 H/16

21/32" SIZES

275/80R22.5 J/18

23/32" SIZES

11R22.5 H/16

11R24.5 H/16

12R22.5 H/16

315/80R22.5 L/20

REPLACES

Bridgestone M853
Continental HSC1
Goodyear G751 MSA
Michelin X Works Z
Yokohama MY507

WHEEL POSITION

STEER

FUEL EFFICIENCY 2.0

TREAD LIFE 3.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 5.0

TREAD DEPTH

22/32" SIZES

385/65R22.5 J/18

23/32" SIZES

425/65R22.5 L/20

REPLACES

Bridgestone M854
Continental HTC1
Goodyear G296 MSA
Michelin XZY3 WB
Yokohama MY507A

WHEEL POSITION

STEER

FUEL EFFICIENCY 3.0

TREAD LIFE 3.5

TRACTION 4.5

RETREADABILITY 4.5

CUT & CHIP RESISTANCE 5.0



TREAD DEPTH

25/32" SIZES

11R24.5 H/16

REPLACES

Bridgestone M853
Continental HSC3
Goodyear 751 MSA
Michelin X Works Z
Yokohama 504C

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 2.5

TREAD LIFE 4.0

TRACTION 3.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 4.0

TREAD DEPTH

26/32" SIZES

315/80R22.5 L/20

REPLACES

Bridgestone M870
Continental HA3
City Service
Goodyear Endurance WHA
Michelin XZUS2
Yokohama MY627W Spec-2



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 3.0

TREAD LIFE 3.5

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 3.5

TREAD DEPTH

20/32" SIZES

385/65R22.5 L/20

425/65R22.5 L/20

21/32 SIZES

425/65R22.5 L/20

REPLACES

Bridgestone R244
Continental HTR2
Goodyear G296 MSA
Michelin XFE
Yokohama RY253

DRIVE

M650



M647



M610



URBAN (D)

WHEEL POSITION

DRIVE

FUEL EFFICIENCY	3.5
TREAD LIFE	2.5
TRACTION	5.0
RETREADABILITY	3.5
CUT & CHIP RESISTANCE	4.0



TREAD DEPTH

28/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14

REPLACES

Bridgestone M760
Michelin X Line Energy D
Yokohama 709ZL

WHEEL POSITION

DRIVE

FUEL EFFICIENCY	2.0
TREAD LIFE	5.0
TRACTION	4.5
RETREADABILITY	3.5
CUT & CHIP RESISTANCE	4.0



TREAD DEPTH

25/32" SIZES

255/70R22.5 H/16

30/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G/14

REPLACES

Bridgestone M726ELA
Continental HDR2
Goodyear Endurance LHD
Michelin XDA5+
Yokohama TY527

WHEEL POSITION

DRIVE

FUEL EFFICIENCY	3.5
TREAD LIFE	2.5
TRACTION	5.0
RETREADABILITY	3.5
CUT & CHIP RESISTANCE	4.0

TREAD DEPTH

28/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G/14
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G/14

REPLACES

Continental HDR2
Goodyear G182 RSD
Michelin Multi D
Yokohama 715R

URBAN (D)

INVINCIBLE

SIZES

URBAN (D)

TIRE SIZE	LOAD RANGE & PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMART WAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
245/75R22.5	G / 14	M154	548770	19/32	YES	R	S	S	45
255/70R22.5	G / 14	M122	548150	17/32	NO	R	S	R	39
255/70R22.5	H / 16	M647	558350	25/32	NO	-	R	-	57
255/70R22.5	H / 16	M320	549220	20/32	NO	-	S	S	45
265/70R22.5	G / 14	M154	548760	19/32	YES	R	S	S	45
275/70R22.5	J / 18	M320	549110	21/32	NO	-	S	S	45
9R22.5	F / 12	M170	546030	17/32	NO	R	S	S	47
9R22.5	G / 14	M608	556000	19/32	NO	-	R	-	55
10R22.5	G / 14	M170	548350	19/32	NO	R	S	S	47
295/75R22.5	G / 14	M154	548250	22/32	YES	R	S	S	45
295/75R22.5	G / 14	M122	548000	17/32	NO	R	S	R	39
295/75R22.5	G / 14	M650	558000	28/32	YES	-	R	-	58
295/75R22.5	G / 14	M647	558300	30/32	NO	-	R	-	57
295/75R22.5	G / 14	M610	556510	28/32	NO	-	R	-	56
295/75R22.5	H / 16	M154	548230	22/32	YES	R	S	S	45
295/75R22.5	H / 16	M170	546020	19/32	NO	R	S	S	47
295/80R22.5	H / 16	M144	548080	19/32	YES	R	S	S	42
305/70R22.5	J / 20	M144	548970	19/32	YES	R	S	S	42
315/80R22.5	J / 20	M144	548370	19/32	YES	R	S	S	42
315/80R22.5	J / 20	M320	549050	23/32	NO	R	S	S	50
315/80R22.5	J / 20	M153	500040	26/32	NO	R	S	S	44
11R22.5	G / 14	M154	548330	22/32	YES	R	S	S	45
11R22.5	G / 14	M122	548020	17/32	NO	R	S	R	39
11R22.5	G / 14	M650	558820	28/32	YES	-	R	-	58
11R22.5	G / 14	M647	558070	30/32	NO	-	R	-	57
11R22.5	G / 14	M610	556350	28/32	NO	-	R	-	56
11R22.5	H / 16	M154	548310	22/32	YES	R	S	S	45
11R22.5	H / 16	M170	546000	19/32	NO	R	S	S	47
11R22.5	H / 16	M320	549010	23/32	NO	R	S	S	50
11R22.5	H / 16	M650	558830	28/32	YES	-	R	-	58
11R22.5	H / 16	M647	558090	30/32	NO	-	R	-	57
11R22.5	H / 16	M610	556330	28/32	NO	-	R	-	56
12R22.5	H / 16	M170	546310	19/32	NO	R	S	S	47
12R22.5	H / 16	M320	549060	23/32	NO	R	S	S	50
12R22.5	H / 16	M647	558360	30/32	NO	-	R	-	57
285/75R24.5	G / 14	M154	548260	22/32	YES	R	S	S	45
285/75R24.5	G / 14	M122	548030	17/32	NO	R	S	S	39
285/75R24.5	G / 14	M647	558160	30/32	NO	-	R	-	57
285/75R24.5	G / 14	M610	556500	28/32	NO	-	R	-	56
11R24.5	G / 14	M154	548300	22/32	NO	R	S	S	45
11R24.5	G / 14	M122	548010	17/32	NO	R	S	S	39
11R24.5	G / 14	M647	558170	30/32	NO	-	R	-	57
11R24.5	G / 14	M610	556460	28/32	NO	-	R	-	56
11R24.5	H / 16	M154	548290	22/32	NO	R	S	S	45
11R24.5	H / 16	M170	546010	19/32	NO	R	S	S	47
11R24.5	H / 16	M647	558180	30/32	NO	-	R	-	57
11R24.5	H / 16	M320	549020	23/32	NO	R	S	S	50
11R24.5	H / 16	M610	556470	28/32	NO	-	R	-	56
385/65R22.5	I / 18	M320 WB	549070	22/32	NO	R	S	S	51
385/65R22.5	J / 20	M149	562010	20/32	NO	R	S	S	43
425/65R22.5	J / 20	M320 WB	549090	23/32	NO	R	S	S	51
425/65R22.5	L / 20	M149	562090	21/32	NO	R	S	S	43

"R" = Recommended, "S" = Suitable



URBAN (D)

ON/OFF-ROAD (E)

Tou





U C G H

ON/OFF-ROAD (E)

STEER

ON/OFF-ROAD (E)

M320



M320 WB



M325



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 2.5

TREAD LIFE 3.0

TRACTION 3.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 5.0

TREAD DEPTH

20/32" SIZES

255/70R.22.5 H/16

21/32" SIZES

275/70R.22.5 J/18

23/32" SIZES

11R22.5 H/16

11R24.5 H/16

12R22.5 H/16

315/80R22.5 L/20

REPLACES

Bridgestone M853
Continental HSC1
Goodyear G751 MSA
Michelin X Works Z
Yokohama MY507

WHEEL POSITION

STEER

FUEL EFFICIENCY 2.0

TREAD LIFE 3.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 5.0

TREAD DEPTH

22/32" SIZES

385/65R22.5 J/18

23/32" SIZES

425/65R22.5 L/20

REPLACES

Bridgestone M854
Continental HTC1
Goodyear G296 MSA
Michelin XZY3 WB
Yokohama MY507A

WHEEL POSITION

STEER

FUEL EFFICIENCY 3.0

TREAD LIFE 3.5

TRACTION 4.5

RETREADABILITY 4.5

CUT & CHIP RESISTANCE 5.0



TREAD DEPTH

25/32" SIZES

11R24.5 H/16

REPLACES

Bridgestone M853
Continental HSC3
Goodyear 751 MSA
Michelin X Works Z
Yokohama 504C

DRIVE

M506



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 2.0

TREAD LIFE 3.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 5.0

TREAD DEPTH

30/32" SIZES

11R22.5 H/16

11R24.5 H/16

REPLACES

Bridgestone L320

Continental HDC1

Goodyear Workhorse MSD

Michelin X Works XDY

Yokohama LY053

M503



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 3.0

TREAD LIFE 2.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 5.0

TREAD DEPTH

26/32" SIZES

11R22.5 H/16

11R24.5 H/16

REPLACES

Goodyear G282 MSD

Michelin XDS2

M588



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 1.0

TREAD LIFE 4.0

TRACTION 5.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 5.0



TREAD DEPTH

33/32" SIZES

11R22.5 H/16

11R24.5 H/16

REPLACES

Bridgestone M775

Continental HDC1

Goodyear Workhorse MSD

Michelin X Works Grip D

TIRE SIZE	LOAD RANGE & PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	STEER POSITION	DRIVE POSITION	PAGE
315/80R22.5	L / 20	M320	549050	23/32	R	S	50
11R22.5	H / 16	M320	549010	23/32	R	S	50
11R22.5	H / 16	M506	549280	30/32	-	R	53
11R22.5	H / 16	M503	549100	26/32	-	R	52
11R22.5	H / 16	M588	549210	33/32	-	R	54
12R22.5	H / 16	M320	549060	23/32	R	S	50
11R24.5	H / 16	M320	549020	23/32	R	S	50
11R24.5	H / 16	M506	549300	30/32	-	R	53
11R24.5	H / 16	M503	549120	26/32	-	R	52
11R24.5	H / 16	M588	549190	33/32	-	R	54
385/65R22.5	J / 18	M320	549070	22/32	R	S	50
425/65R22.5	L / 20	M320	549090	23/32	R	S	50
255/70R22.5	H / 16	M320	549220	20/32	R	S	52-53
275/70R22.5	J / 18	M320	549110	21/32	R	S	52-53

"R" = Recommended, "S" = Suitable





RELL

17.5 & 19.5 (F)





LESS

17.5 & 19.5 (F)

STEER

M154



M143



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 5.0

TRACTION 4.0

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 4.0



SmartWay

TREAD DEPTH

17/32" SIZES

225/70R19.5 G/14

18/32" SIZES

245/70R19.5 H/16

REPLACES

Bridgestone R268 Ecopia
Continental HSR3
Goodyear Fuel Max RSA
Michelin X Multi Energy Z
Yokohama 108R

WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.0

TREAD LIFE 4.0

TRACTION 2.5

RETREADABILITY 4.0

CUT & CHIP RESISTANCE 2.5

TREAD DEPTH

16/32" SIZES

215/75R17.5 G/14

225/70R19.5 F/12

225/70R19.5 G/14

245/70R19.5 H/16

265/70R19.5 G/14









17/32" SIZES

285/70R19.5 H/16

REPLACES

Bridgestone R238
Continental HS3
Goodyear Endurance RSA
ULT
Michelin XZE
Yokohama 104ZR

17.5 & 19.5 (F)

DRIVE			TRAILER
M608	M655	M920A	M1430
			
WHEEL POSITION DRIVE	WHEEL POSITION DRIVE	WHEEL POSITION DRIVE	WHEEL POSITION TRAILER
FUEL EFFICIENCY 2.0	FUEL EFFICIENCY 2.5	FUEL EFFICIENCY 2.5	FUEL EFFICIENCY 3.0
TREAD LIFE 2.5	TREAD LIFE 3.0	TREAD LIFE 3.5	TREAD LIFE 4.0
TRACTION 3.5	TRACTION 4.0	TRACTION 4.0	TRACTION 2.0
RETREADABILITY 3.0	RETREADABILITY 3.0	RETREADABILITY 3.0	RETREADABILITY 2.0
CUT & CHIP RESISTANCE 4.0	CUT & CHIP RESISTANCE 3.0	CUT & CHIP RESISTANCE 3.0	CUT & CHIP RESISTANCE 2.5
			
TREAD DEPTH 19/32" SIZES 215/75R17.5 F/12 245/70R19.5 H/16 20/32" SIZES 225/70R19.5 F/12 225/70R19.5 G/14 265/70R19.5 G/14 21/32" SIZES 285/70R19.5 H/16	TREAD DEPTH 19/32" SIZES 225/70R19.5 G/14 245/70R19.5 H/16	TREAD DEPTH 21/32" SIZES 225/70R19.5 G/14 23/32" SIZES 245/70R19.5 H/16	TREAD DEPTH 15/32" SIZES 215/75R17.5 H/16 235/75R17.5 J/18 16/32" SIZES 245/70R17.5 J/18
REPLACES Continental HDR Goodyear G622 RSD Michelin XDS2 Yokohama TY303	REPLACES Bridgestone M724F Continental HDR Goodyear G622 RSD Michelin XDS2 Yokohama TY287	REPLACES Bridgestone M729F Continental HD3	REPLACES Bridgestone R238 Continental HTR2 Goodyear X Max T Michelin XTA2 Energy Yokohama RY023
	 Three-Peak Mountain Snowflake qualified.	 Three-Peak Mountain Snowflake qualified.	

17.5 & 19.5 (F)

SIZES

17.5

Long Haul (B)

TIRE SIZE	LOAD RANGE & PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
215/75R17.5	G / 14	M143	306100	16/32	R	S	S	42
215/75R17.5	H / 16	M1430	520500	15/32	-	-	R	68
235/75R17.5	J / 18	M1430	520540	15/32	-	-	R	68

Regional (C)

215/75R17.5	G / 14	M143	306100	16/32	R	S	S	42
215/75R17.5	H / 16	M1430	520500	15/32	-	-	R	68
235/75R17.5	J / 18	M1430	520540	15/32	-	-	R	68
245/70R17.5	J / 18	M1430	520530	16/32	-	-	R	68

Urban (D)

215/75R17.5	F / 12	M608	316080	19/32	-	R	-	58
215/75R17.5	G / 14	M143	306100	16/32	R	S	S	42
215/75R17.5	H / 16	M1430	520500	15/32	-	-	R	68
235/75R17.5	J / 18	M1430	520540	15/32	-	-	R	68

19.5

Regional (C)

215/75R17.5	G / 14	M143	306100	16	R	S	S	43
215/75R17.5	H / 16	M1430	520500	15	-	-	R	64
235/75R17.5	J / 18	M1430	520540	15	-	-	R	64
245/70R17.5	J / 18	M1430	520530	16	-	-	R	64
225/70R19.5	F / 12	M143	562060	16/32	R	S	S	43
225/70R19.5	G / 14	M143	562050	16/32	R	S	S	43
225/70R19.5	G / 14	M154	548860	17/32	R	S	S	46
225/70R19.5	G / 14	M920A	540040	21	S	R	-	66
245/70R19.5	H / 16	M143	562020	16/32	S	S	S	43
245/70R19.5	H / 16	M920A	540050	23/32	S	R	-	66
245/70R19.5	H / 16	M154	548840	18/32	R	S	S	46
265/70R19.5	G / 14	M143	562070	16/32	R	S	S	43
285/70R19.5	H / 16	M143	562120	17/32	R	S	S	43
285/70R19.5	H / 16	M608	556120	21/32	-	R	-	58
225/70R19.5	F / 12	M143	562060	16/32	R	S	S	43

Urban / On-Off Road (D)

215/75R17.5	F / 12	M608Z	316080	19	-	R	-	58
225/70R19.5	G / 14	M143	562050	16/32	R	S	S	43
225/70R19.5	G / 14	M655	556640	20/32	S	R	-	-
225/70R19.5	G / 14	M154	548860	17/32	R	-	S	45
225/70R19.5	F / 12	M608Z	556230	20	-	R	-	58
245/70R19.5	G / 14	M608	562030	19/32	-	R	-	58
245/70R19.5	H / 16	M143	562020	16/32	R	S	S	43
225/70R19.5	G / 14	M655	556640	20	-	R	S	62
225/70R19.5	G / 14	M608Z	556170	20	S	R	-	58
245/70R19.5	H / 16	M608Z	562180	19	S	R	-	58
245/70R19.5	H / 16	M655	556650	21/32	S	R	S	62
265/70R19.5	G / 14	M143	562110	16/32	R	S	S	43
265/70R19.5	G / 14	M608	556190	20/32	-	R	-	58
285/70R19.5	H / 16	M143	562120	17/32	R	S	S	43
245/70R19.5	H / 16	M154	548840	18/32	R	S	S	46
285/70R19.5	H / 16	M608	556120	21/32	-	R	-	58
285/70R19.5	H / 16	M143	562120	17/32	R	S	S	43
245/70R19.5	H / 16	M154	548840	18/32	R	S	S	46
9R22.5	G / 14	M608Z	556000	19	-	R	-	58

"R" = Recommended, "S" = Suitable

REGIONAL ALL-POSITION TIRE

The M122 is a versatile all-position tire designed for moderate regional and urban applications. Recommended for steer but suitable for all positions, the durable M122 covers a wide segment of the market. All-steel, four-belt construction provides even tread wear plus extended tire and casing life. Other life-extending features include a solid outer rib and special cap-and-base tread compounding. This base, regional to urban pickup and delivery tire combines product performance, application versatility, and a competitive acquisition point for a lower cost per mile, making it a leading value alternative tire.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	TRAILER	-
REGIONAL	STEER, TRAILER	DRIVE
URBAN	STEER, TRAILER	DRIVE

LONG TREAD LIFE

- DSOC II™ technology optimizes footprint design for even wear and long life.
- Wide five-rib pattern with a solid outer rib combine for long, even wear.

GREAT PERFORMANCE AND SAFETY

- Wide five-rib pattern with a solid outer rib improves stability and handling performance.

DEPENDABLE RETREADABILITY AND CASING DURABILITY

- Four-steel-belt construction braces the tread area, improving durability.
- Stone-ejector grooves minimize stone retention to maintain casing integrity.
- High-elongation top belt protects casing integrity.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	548020	G / 14	144/142L	7.50-(8.25)	115	17	41.3	11.1	19.1	6175	5840	105	105	503	75
255/70R22.5	548150	H / 16	140/137L	(7.50)-8.25	88	17	36.6	9.9	16.8	5510	5070	120	120	567	75
295/75R22.5	548000	G / 14	144/141L	(8.25)-9.00	106	17	40	11.1	18.6	6175	5675	110	110	518	75
11R24.5	548010	G / 14	146/143L	7.50-(8.25)	121	17	43.3	11.1	20.1	6610	6005	105	105	480	75
285/75R24.5	548030	G / 14	144/141L	8.25	109	17	41.1	10.8	19.1	6175	5675	110	110	505	75

EXTREME LONG HAUL STEER TIRE

The M137 is a steer tire designed for operations running 15,000 to 20,000 miles per month, from which steer tires are typically pulled prematurely due to irregular wear. The high miles per 32nd with minimized irregular wear results in maximum removal miles. This, combined with excellent fuel efficiency and a competitive acquisition point, results in a lower cost per mile, making the M137 the leading value alternative steer tire for extreme long haul applications.

APPLICATION	RECOMMENDED	SUITABLE
EXTREME LONG HAUL	STEER	TRAILER
LONG HAUL	STEER	TRAILER



SmartWay

MAXIMUM REMOVAL MILES

- Optimized tread depth with top decoupler groove is engineered to reduce free-rolling wear and tread squirm, delivering the highest miles per 32nd.

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance tread compound minimizes fuel consumption and qualifies it as a SmartWay-verified steer tire.

EXCELLENT PERFORMANCE AND SAFETY

- Computer-optimized tread design, with four straight grooves, deep sipes, and multi-pitch grooves, provides enhanced wet and dry traction while also reducing road noise.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Enhanced, high-speed casing design resists casing fatigue.
- High-elongation top belt protects casing integrity.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	547030	G / 14	144/142L	7.50-(8.25)	112	15	41.1	11.1	19.1	6175	5840	105	105	505	75
11R22.5	546990	H / 16	146/143L	7.50-(8.25)	114	15	41.1	11.1	18.5	6610	6005	120	120	506	75
295/75R22.5	546100	H / 16	149/146L	(8.25)-9.00	112	15	40	11.1	18.6	7160	6610	125	125	520	75
295/75R22.5	547010	G / 14	144/141L	(8.25)-9.00	108	15	40	11.1	18.6	6175	5675	110	110	519	75
11R24.5	547050	G / 14	146/143L	7.50-(8.25)	120	15	43.1	11.1	20	6610	6005	105	105	482	75
11R24.5	546980	H / 16	149/146L	7.50-(8.25)	121	15	43.1	11.1	19.5	7160	6610	120	120	482	75
285/75R24.5	547020	G / 14	144/141L	8.25	111	15	41.1	11.1	19.1	6175	5675	110	110	505	75
285/75R24.5	547070	H / 16	147/144L	8.25	115	15	41.1	10.8	18.7	6780	6175	120	120	506	75

REGIONAL ALL-POSITION TIRE

The M143 is a rugged all-position tire designed for demanding regional and urban delivery service. Wide-belt construction and stable outer ribs contribute to long and even tread wear, while special heat-resistant compounds and stone-ejector grooves support extended tire and casing life. This base, regional to urban pickup and delivery tire combines product performance, application versatility, and a competitive acquisition point for a lower cost per mile, making the M143 a leading value alternative tire.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER

LONG TREAD LIFE

- DSOC II™ technology optimizes footprint design for even wear and long life.
- Wide five-rib pattern with a solid outer rib and optimized tread depth combine for long, even wear.

EXCELLENT PERFORMANCE AND SAFETY

- Wide solid outer rib improves stability and handling performance.
- Zigzag pattern with deep tread depth improves wet and dry traction.

IMPROVED FUEL ECONOMY

- Optimized tread design reduces rolling resistance for improved fuel economy.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- Four-steel-belt construction braces the tread area, improving durability.
- High-elongation top belt protects casing integrity, while steel chafer bead offers improved durability.
- Advanced casing design and heat-resistant compounding deliver extended casing life and improved retreadability.



M1437

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
215/75R17.5	306100	G / 14	126/124M	(6.00)-6.75	58	16	30.6	8.3	14.2	3750	3530	105	105	679	81
225/70R19.5	562060	F / 12	125/123N	(6.00)-6.75	65	16	32.1	8.3	14.7	3640	3415	95	95	647	87
225/70R19.5	562050	G / 14	128/126N	(6.00)-6.75	65	16	32.1	8.3	14.7	3970	3750	110	110	647	87
245/70R19.5	562020	H / 16	136/134N	6.75-(7.50)	77	16	33.2	9.6	15.1	4940	4675	120	120	626	87
265/70R19.5	562070	G / 14	140/138M	6.75-(7.50)-8.25	87	16	34.3	10	15.9	5510	5205	110	110	605	81
285/70R19.5	562120	H / 16	145/143M	7.50-(8.25)-9.00	95	17	35.1	10.8	16.3	6395	6005	125	125	590	81

REGIONAL ALL-POSITION TIRE

The M144 is an all-position tire designed to deliver high mileage in regional and urban bus applications as well as other heavy hauling. Optimized tread delivers excellent traction, even wear, and ride comfort, while four-belt construction extends tire and casing life. The high mileage, excellent casing, and competitive acquisition point make the M144 the leading value alternative tire for regional and urban bus services or other heavy hauling.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER



SmartWay



M144

LONG TREAD LIFE

- E-balance provides optimum footprint wear to increase mileage performance.
- Wide five-rib pattern with a solid outer rib and optimized tread depth combine for long, even wear.

EXCELLENT PERFORMANCE AND SAFETY

- Wide solid outer rib improves stability and handling performance.
- Unique tread design delivers quiet, comfortable ride.
- Exceptional uniformity and balance contribute to smooth ride.

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance tread compound minimizes fuel consumption and qualifies it as a SmartWay-verified steer tire.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- Four-steel-belt construction braces the tread area, improving durability, while high-elongation top belt protects casing integrity.
- Advanced casing design and heat-resistant compounding deliver extended casing life and improved retreadability.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
295/80R22.5	548080	H / 16	152/148M	8.25-(9.00)	128	19	41.5	11.9	19.3	7830	6940	125	125	501	81
305/70R22.5	548970	L / 20	152/150L	8.25-(9.00)	137	19	39.5	12.1	17.9	7830	7390	130	130	526	75
315/80R22.5	548370	L / 20	158/156L	(9.00)-9.75	147	19	42.6	12.3	19.1	9370	8820	130	130	488	75

URBAN SUPER SINGLE TIRE

The M149 is an all-position super single tire designed to deliver superior wear performance in tough operations, ranging from urban front axles to regional trailers. Optimized construction and tread design deliver high uniformity, even wear, and excellent wet traction. These benefits, combined with a competitive acquisition point, make the M149 a leading value alternative tire for tough operating conditions.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER

LONG TREAD LIFE

- Optimized profile minimizes casing growth of the tread area for long wear life.
- Six straight and stiff ribs provide smooth wear and long life.

EXCELLENT PERFORMANCE AND SAFETY

- Five wide grooves with siping on ribs provide outstanding wet traction.
- Exceptional uniformity and balance contribute to smooth ride.

SUPERIOR CASING DURABILITY

- Wide steel-belt construction braces the tread area, improving durability, while high-elongation top belt protects casing integrity.
- High-stiffness bead filler for improved sidewall durability.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
385/65R22.5	562010	L / 20	160K	(11.75)-12.25	167	20	42.5	14.8	19.8	9920	-	130	-	489	68
425/65R22.5	562090	L / 20	165K	11.75-(12.25)-13.00	191	21	44.7	16.3	19.9	11400	-	120	-	464	68

URBAN STEER TIRE

The M153 is an extra-deep urban heavy-duty steer tire optimized for extremely high-scrub applications, in which tread wear is the primary reason for tire removal. State-of-the-art design and compounding deliver superior wear performance and excellent durability with a 10,000-lb. load-carrying capacity. These benefits combine with a competitive acquisition point to make the M153 an excellent refuse tire and a leading value alternative tire for all tough operations.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER



MAXIMUM REMOVAL MILES

- E-balance provides optimum footprint wear to increase mileage performance.
- Deep tread depth delivers longer wear life under high-scrub conditions.
- Extremely wide tread pattern distributes heavy loads evenly to improve mileage.

EXCELLENT PERFORMANCE AND SAFETY

- Z-shaped siping in tread increases traction in wet conditions.

EXCELLENT RETREADABILITY AND CASING DURABILITY

- Unique buttress protector reduces cutting and curb damage to the sidewall.
- Wide steel-belt construction braces the tread area, improving durability, the high-elongation top belt protects casing integrity.
- High-tensile, open-cord construction keeps moisture and oxygen from entering the cord bundle to combat corrosion.
- Stone-ejector grooves minimize stone retention to maintain casing integrity.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
315/80R22.5	500040	L / 20	157/154L	(9.00)-9.75	168	26	43	12.3	19.2	10000	9090	130	130	484	75

URBAN ALL-POSITION TIRE

The M154 is a deep all-position tire designed for regional to urban service in the highest-scrub environments, in which tread wear is the primary reason for tire removal. Users can typically expect a return on their investment in less than a year with this SmartWay-verified tire. Excellent, even wear in miles per 32nd and a deep tread deliver maximum removal mileage, even in the drive position. Excellent fuel efficiency and high mileage make the M154 the leading value alternative tire for regional to urban high-scrub applications.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER



SmartWay

MAXIMUM REMOVAL MILES

- E-balance provides optimum footprint wear to increase mileage performance.
- Wide five-rib pattern with a solid outer rib and optimized tread depth combine for long, even wear.
- Special cap-and-base tread compound extends tire life by reducing heat buildup and resisting wear.

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance construction minimizes fuel consumption and qualifies it as a SmartWay-verified steer tire.

EXCELLENT PERFORMANCE AND SAFETY

- Computer-optimized tread design, with four straight grooves, deep sipes, and multi-pitch grooves, provides enhanced wet and dry traction while also reducing road noise.

MAXIMUM RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- High-elongation top belt protects casing integrity.
- High-tensile, open-cord construction keeps moisture and oxygen from entering the cord bundle to combat corrosion.



M154

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
225/70R19.5	548860	G / 14	128/126N	(6.00)-6.75	73	17	32.1	8.3	14.7	3970	3750	110	110	647	87
245/70R19.5	548840	H / 16	136/134N	6.75-(7.50)	81	18	33.3	9.6	15.1	4940	4675	120	120	624	87
11R22.5	548330	G / 14	144/142L	7.50-(8.25)	122	22	41.5	11.1	18.7	6175	5840	105	105	500	75
11R22.5	548310	H / 16	146/143L	7.50-(8.25)	123	22	41.5	11.1	18.7	6610	6005	120	120	500	75
245/75R22.5	548770	G / 14	134/131L	6.75-(7.50)	89	19	37	9.5	17.2	4675	4300	110	110	561	75
265/75R22.5	548760	G / 14	138/135L	(7.50)-8.25	99	19	38.4	10	17.9	5205	4805	110	110	540	75
295/75R22.5	547990	H / 16	149/146L	(8.25)-9.00	118	22	40.4	11.1	18.8	7160	6610	125	125	514	75
295/75R22.5	548250	G / 14	144/141L	(8.25)-9.00	118	22	40.4	11.1	18.2	6175	5675	110	110	514	75
11R24.5	548300	G / 14	146/143L	7.50-(8.25)	131	22	43.5	11.1	19.7	6610	6005	105	105	477	75
11R24.5	548290	H / 16	149/146L	7.50-(8.25)	132	22	43.5	11.1	19.7	7160	6610	120	120	477	75
285/75R24.5	548260	G / 14	144/141L	8.25	120	22	41.5	10.8	18.9	6175	5675	110	110	501	75

LONG HAUL TRAILER TIRE

The M157 is a free-rolling axle tire designed for operations running high miles per 32nd, from which tires are typically pulled prematurely due to irregular wear. Designed as a fuel-efficient, free-rolling axle tire, it is acceptable for steer axle use. The high miles per 32nd, with minimized irregular wear, results in maximum removal miles. This, combined with excellent fuel efficiency and a competitive acquisition point, results in a lower cost per mile, making the M157 a leading value alternative tire for extreme long haul applications.

APPLICATION	RECOMMENDED	SUITABLE
EXTREME LONG HAUL	TRAILER	STEER
LONG HAUL	TRAILER	STEER
REGIONAL	TRAILER	-



SmartWay

MAXIMUM REMOVAL MILES

- Optimized tread depth with top decoupler groove is engineered to reduce free-rolling wear and tread squirm, delivering the highest miles per 32nd.

MAXIMUM FUEL EFFICIENCY

- Industry-leading, low-rolling-resistance tread compound minimizes fuel consumption and qualifies it as a SmartWay-verified steer tire.

EXCELLENT PERFORMANCE AND SAFETY

- Computer-optimized tread design, with four straight grooves, deep sipes, and multi-pitch grooves, provides enhanced wet and dry traction while also reducing road noise.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Enhanced, high-speed casing design resists casing fatigue.
- High-elongation top belt protects casing integrity.
- Four-steel-belt construction contributes to casing durability.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	541420	G / 14	144/142L	7.50-(8.25)	107	13	41	11.1	19.1	6175	5840	105	105	506	75
295/75R22.5	541400	G / 14	144/141L	(8.25)-9.00	99	13	39.8	11.1	18.5	6175	5675	110	110	521	75
11R24.5	541430	G / 14	146/143L	7.50-(8.25)	112	13	43	11.1	20	6610	6005	105	105	482	75
285/75R24.5	541410	G / 14	144/141L	8.25	104	13	41	10.8	19.1	6175	5675	110	110	506	75

REGIONAL ALL-POSITION TIRE

The M170 steer tire is designed for demanding regional and urban operations, in which treadwear is the primary reason for tire removal. Excellent even wear in miles per 32nd with a deep tread depth results in maximum removal miles. This, combined with excellent fuel efficiency and a very competitive acquisition point, results in a lower cost per mile, making the M170 a leading value alternative tire in regional high-scrub applications that typically delivers a return on investment within a year.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER



EXCELLENT REMOVAL MILES

- E-balance provides optimum footprint wear to increase mileage performance.
- Wide five-rib pattern with a solid outer rib and optimized tread depth combine for long, even wear.

EXCELLENT RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- High-elongation top belt protects casing integrity.
- V-shaped groove design ejects packed stones at low speeds to prevent stone drilling.



M170

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
10R22.5	548350	G / 14	141/139L	6.75-(7.50)-8.25	99	19	40	10	18.1	5675	5355	115	115	519	75
11R22.5	546000	H / 16	146/143L	7.50-(8.25)	115	19	41.3	11.1	18.6	6610	6005	120	120	503	75
12R22.5	546090	H / 16	150/147L	8.25-(9.00)	134	19	42.4	12	19	7390	6780	120	120	490	75
295/75R22.5	546020	H / 16	149/146L	(8.25)-9.00	110	19	40.2	11.1	18.1	7160	6610	125	125	517	75
9R22.5	546030	F / 12	133/131L	6.00-(6.75)-7.50	86	17	38.2	9.1	17.8	4540	4300	105	105	544	75
11R24.5	546010	H / 16	149/146L	7.50-(8.25)	133	19	43.4	11.1	19.6	7160	6610	120	120	479	75

SUPER REGIONAL STEER TIRE

The NanoEnergy® M171 super regional steer tire complements the M671 super regional drive tire. Working together, these tires are specifically designed to provide exceptional fuel efficiency, superior traction, and long, even wear within demanding 500 mile radius operations. A uniform cap and base compound developed through Toyo's Nano Balance Technology results in exceptional fuel efficiency and resistance to irregular wear, while advanced design reduces strain at the bead area and belt edge to deliver long life.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	STEER	DRIVE, TRAILER
REGIONAL	STEER	DRIVE, TRAILER



SmartWay **NANOENERGY®**

MAXIMUM FUEL EFFICIENCY

- Uniformity of the cap and base compound increases fuel efficiency and provides long, even wear.

EXCELLENT REMOVAL MILES

- An advanced tread design provides good traction and a smooth ride.
- A wide belt package minimizes growth of the tread profile and maintains a flatter tread radius.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance technology retains the tread profile while reducing strain at the bead area and belt edge.
- Stone ejectors prevent casing damage.
- Steel chafer bead improves durability and retreadability.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	520010	H / 16	146/143L	7.50-(8.25)	122	20	41.5	11.1	19.3	6610	6005	120	120	501	75
11R22.5	520020	G / 14	144/142L	7.50-(8.25)	121	20	41.5	11.1	19.3	6175	5840	105	105	501	75
295/75R22.5	520030	H / 16	149/146L	(8.25)-9.00	116	20	40.1	11.1	18.7	7160	6610	123	123	518	75
295/75R22.5	520040	G / 14	144/141L	(8.25)-9.00	115	20	40.1	11.1	18.7	6175	5675	110	110	518	75

LONG HAUL TRAILER TIRE

The NanoEnergy® M175 is an even-wearing super single trailer tire that maximizes fuel efficiency and mileage in long haul applications. This is the most fuel-efficient trailer tire in the Toyo tires lineup, with low-rolling-resistance, excellent wear in miles per 32nd. These benefits, combined with a competitive acquisition point, make the M175 a leading value alternative trailer tire.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	TRAILER	-



SmartWay **NANOENERGY®**

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance nanocomposite polymer components [tread compound] developed with Nano Balance Technology maximizes fuel efficiency and qualify it as a SmartWay-verified trailer tire while maintaining overall durability.

EXCELLENT REMOVAL MILES

- Extra-wide tread provides optimum footprint to increase mileage.
- Seven-groove design optimizes contact pressure for long and even wear.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Enhanced, high-speed casing design resists casing fatigue.
- Unique belt package protects casing integrity.



M175

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
445/50R22.5	500470	L / 20	161L	(14.00)-15.00	187	13	39.8	17.4	18.5	10200	-	120	-	521	75

LONG HAUL STEER TIRE

The M177 is a deep, steer tire designed to deliver long, even wear for long haul operations. This, combined with excellent fuel efficiency and a competitive acquisition point, makes the M177 a leading value alternative steer tire for long haul applications.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	STEER	DRIVE, TRAILER



MAXIMUM REMOVAL MILES

- Deep tread delivers long, even wear.

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance tread compound minimizes fuel consumption and qualifies it as a SmartWay-verified steer tire.

EXCELLENT PERFORMANCE AND SAFETY

- Computer-optimized tread design, with four straight grooves, deep sipes, and multi-pitch grooves, provides enhanced wet and dry traction while also reducing road noise.

EXCELLENT RETREADABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- High-elongation top belt protects casing integrity.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	547270	G / 14	144/142L	7.50-(8.25)	108	18	41.3	11.1	18.6	6175	5840	105	105	503	75
11R22.5	547280	H / 16	146/143L	7.50-(8.25)	108	18	41.3	11.1	18.6	6610	6005	120	120	503	75
295/75R22.5	547090	G / 14	144/141L	(8.25)-9.00	114	18	40.1	11.5	18.1	6175	5675	110	110	518	75
295/75R22.5	547130	H / 16	149/146L	(8.25)-9.00	114	18	40.1	11.5	18.1	7160	6610	125	125	518	75
11R24.5	547290	G / 14	146/143L	7.50-(8.25)	121	18	43.3	11.1	19.6	6610	6005	105	105	480	75
11R24.5	547400	H / 16	149/146L	7.50-(8.25)	121	18	43.3	11.1	19.6	7160	6610	120	120	480	75
285/75R24.5	547180	G / 14	144/141L	8.25	114	18	41.4	10.9	18.8	6175	5675	110	110	502	75
285/75R24.5	547170	H / 16	147/144L	8.25	114	18	41.4	10.9	18.8	6780	6175	120	120	502	75

ON/OFF-ROAD ALL-POSITION TIRE

The M320 is an even-wearing, on/off-road tire built for multiple applications in the most demanding high-traction, high-torque environments. Designed for logging, mining, concrete mixers, and refuse trucks, this cut-and-chip resistant tire delivers extended tread life, superb traction, and exceptional durability. These benefits, combined with a competitive acquisition point, make the M320 the leading value alternative tire in the on/off-road segment.

APPLICATION	RECOMMENDED	SUITABLE
URBAN	STEER	DRIVE, TRAILER
ON/OFF-ROAD	STEER	TRAILER

MAXIMUM REMOVAL MILES

- Tough tread compound resists cuts and chips to extend tire life.
- DSOC II™ technology optimizes footprint design for even wear and long life.

EXCELLENT PERFORMANCE AND SAFETY

- Deep tread provides traction in tough on/off-road conditions.
- High natural rubber content delivers unmatched cut-and-chip resistance.

ENHANCED RETREADABILITY AND CASING DURABILITY

- High-elongation top belt protects casing integrity.
- Stone-ejector grooves minimize stone retention to maintain casing integrity.
- Four-steel-belt construction contributes to casing durability.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	549010	H / 16	148/145K	7.50-(8.25)	131	23	41.8	11.1	19.4	6610	6005	120	120	497	68
12R22.5	549060	H / 16	150/147K	8.25-(9.00)	144	23	42.8	11.6	19.9	7390	6780	120	120	484	68
255/70R22.5	549220	H / 16	140/137L	(7.50)-8.25	98	20	36.8	9.9	17.1	5510	5070	120	120	564	75
275/70R22.5	549110	J / 18	148/145J	7.50-(8.25)	114	21	38.1	10.8	17.4	6940	6395	130	130	545	62
315/80R22.5	549050	L / 20	154K	(9.00)-9.75	159	23	43	12.3	20	10000	8270	130	130	483	68
11R24.5	549020	H / 16	149/146K	7.50-(8.25)	138	23	43.8	11.1	20.4	7160	6610	120	120	474	68

ON/OFF-ROAD STEER TIRE

The M320 wide-base is an even-wearing, wide base on/off-road tire built for multiple applications in the most demanding high-traction, high-torque environments. Designed for logging, mining, concrete mixers, and refuse trucks, this cut-and-chip resistant tire delivers extended tread life, superb traction, and exceptional durability. These benefits, combined with a competitive acquisition point, make the M320 the leading value alternative wide base tire in the on/off-road segment.

APPLICATION	RECOMMENDED	SUITABLE
URBAN	STEER	-
ON/OFF-ROAD	STEER	-

MAXIMUM REMOVAL MILES

- Tough tread compound resists cuts and chips to extend tire life.
- DSOC II™ technology optimizes footprint design for even wear and long life.

EXCELLENT PERFORMANCE AND SAFETY

- Deep tread provides traction in tough on/off-road conditions.
- High natural rubber content delivers unmatched cut-and-chip resistance.

ENHANCED RETREADABILITY AND CASING DURABILITY

- High-elongation top belt protects casing integrity.
- Stone-ejector grooves minimize stone retention to maintain casing integrity.
- Four-steel-belt construction contributes to casing durability.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
385/65R22.5	549070	J / 18	160K	(11.75)-12.25	169	22	42.6	14.8	19.8	9370	-	120	-	487	68
425/65R22.5	549090	L / 20	165K	11.75-(12.25)-13.00	195	23	44.9	16.3	20.9	11400	-	120	-	462	68

ON/OFF-ROAD HEAVY-DUTY ALL POSITION TIRE

The M325 is the cornerstone of our construction line. It provides full coverage for mixed service fleets serving the construction, mining, energy, and logging industries. A tough casing developed through several years of real-world testing in severe duty applications, a wide footprint with specially designed stone ejectors in every groove, and a cut-and-chip resistant tread compound deliver durability, retreadability and a high return on investment.

APPLICATION	RECOMMENDED	SUITABLE
URBAN	STEER, TRAILER	DRIVE
ON/OFF-ROAD	STEER, TRAILER	-



MAXIMUM REMOVAL MILES

- Durable cut-and-chip resistant tread compound extends tire life.

EXCELLENT PERFORMANCE AND SAFETY

- Wide footprint with deep tread provides traction and stability in severe duty applications.

EXCELLENT RETREADABILITY AND CASING DURABILITY

- Specially designed stone ejectors in every groove minimize casing damage.
- Tough casing developed with e-balance technology minimizes growth of the tread profile and maintains a uniform and flatter tread radius for the entire life of the casing.



M325

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R24.5	546190	H / 16	149/146K	7.50-(8.25)	141	25	43.9	11.1	19.8	7160	6610	120	120	473	68

ON/OFF-ROAD DRIVE TIRE

The M503 is an on/off-road drive tire that delivers excellent traction and dependability in tough off-road conditions. These features, combined with a competitive acquisition point, make the M503 a leading value alternative tire in the on/off-road segment.

APPLICATION	RECOMMENDED	SUITABLE
ON/OFF-ROAD	DRIVE	-

MAXIMUM TRACTION

- Deep lug tread provides traction on muddy, slippery, and abrasive surfaces.
- Wide-belt construction contributes to long, even wear.

EXCELLENT DURABILITY

- V-shaped groove design ejects packed stones at low speeds to prevent stone drilling.
- Tough tread compound resists cuts and chips to extend tire life.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	549100	H / 16	146/143K	8.25	127	26	42	11.1	19.5	6610	6005	120	120	494	68
11R24.5	549120	H / 16	149/146K	8.25	136	26	44	11.1	20.4	7160	6610	120	120	472	68

HEAVY-DUTY URBAN AND ON/OFF-ROAD DRIVE TIRE

The M506 is a drive tire for severe on/off-road applications. Deep tread, exceptional durability, and extended casing life make it the ideal tire for logging, construction, and refuse vehicles. These features, combined with a competitive acquisition point, make the M506 a leading value alternative tire in the on/off-road segment.

APPLICATION	RECOMMENDED	SUITABLE
URBAN	DRIVE	-
ON/OFF-ROAD	DRIVE	-

MAXIMUM REMOVAL MILES

- Tough tread compound resists cuts and chips to extend tire life.
- DSOC II™ technology optimizes footprint design for even wear and long life.

EXCELLENT PERFORMANCE AND SAFETY

- Deep tread provides traction in tough on/off-road conditions.
- High natural rubber content delivers unmatched cut and chip resistance.

ENHANCED RETREADABILITY AND CASING DURABILITY

- High-elongation top belt protects casing integrity.
- Stone-ejector grooves minimize stone retention to maintain casing integrity.
- Four-steel-belt construction contributes to casing durability.



M506

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	549280	H / 16	148/145G	8.25	134	30	42.2	11.1	19.6	6610	6005	120	120	492	55
11R24.5	549300	H / 16	149/146G	8.25	146	30	44.3	11.1	20.6	7160	6610	120	120	469	55

ON/OFF-ROAD DRIVE TIRE

The M588 is a heavy duty on/off-road drive tire built for severe service applications including oil, gas, mining, and logging operations. A tread depth and special cut-and-chip resistant compound combined with a competitive acquisition point make the M588 the leading value alternative for severe-use vehicles.

APPLICATION	RECOMMENDED	SUITABLE
ON/OFF-ROAD	DRIVE	-



LONG TREAD LIFE

- Extra-deep tread for traction and long life.
- Durable belt package and tread design provide even contact pressure and distribution across the tread surface to resist irregular wear.

ENHANCED RETREADABILITY AND CASING DURABILITY

- Special cut-and-chip resistant compound.
- Stone ejectors in all channels help protect the casing from stone damage.

MAXIMUM TRACTION

- Large blocks with a high-void-ratio design improve traction in both on-and off-road applications.
- Ejectors in the shoulder help keep the tread channels clean for enhanced grip.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	549210	H / 16	146/143K	7.50-(8.25)	144	33	42.7	11.1	19.8	6610	6005	120	120	487	68
11R24.5	549190	H / 16	149/146K	7.50-(8.25)	153	33	44.5	11.1	20.7	7160	6610	120	120	467	68

HEAVY DUTY URBAN AND ON/OFF-ROAD DRIVE TIRE

The M608 is a dependable drive tire designed for regional and urban pickup and delivery service. Select sizes are available in N-speed rating to match OE specifications. Four-belt construction, combined with an open-shoulder lug design, delivers outstanding traction, high mileage, and excellent retreadability. These benefits, combined with a competitive acquisition point, make the M608 a leading value alternative drive tire.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	DRIVE	-
URBAN	DRIVE	-
ON/OFF ROAD	DRIVE	-

EXCEPTIONAL TRACTION

- Extra-wide lug and block pattern offers superior traction in snow, mud, and sand.
- 225/70R19.5 size (not shown) accepts TSMI #15 studs for use in extreme winter conditions.

EXCELLENT REMOVAL MILEAGE

- Extra-wide block and lug pattern with optimized tread depth offers excellent mileage.

ENHANCED RETREADABILITY AND CASING DURABILITY

- Four-steel-belt construction contributes to casing durability.



M608

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
215/75R17.5	316080	F / 12	124/123L	(6.00)-6.75	61	19	30.8	8.5	14.3	3530	3420	100	100	674	75
225/70R19.5	556230	F / 12	125/123N	(6.00)-6.75	68	20	32.3	8.3	14.8	3640	3415	95	95	643	87
225/70R19.5	556170	G / 14	128/126N	(6.00)-6.75	68	20	32.3	8.3	14.8	3970	3750	110	110	643	87
245/70R19.5	562180	H / 16	136/134N	6.75-(7.50)	79	19	33.2	9.4	15.1	4940	4675	120	120	625	87
265/70R19.5	556190	G / 14	140/138L	6.75-(7.50)-8.25	82	20	34.4	10.2	16	5510	5205	110	110	602	75
285/70R19.5	556120	H / 16	145/143L	7.50-(8.25)-9.00	95	21	35.4	11	16.5	6395	6005	125	125	586	75
9R22.5	556000	G / 14	136/134L	6.75	85	19	38.3	8.9	17.8	4940	4675	120	120	542	75

URBAN DRIVE TIRE

The M610 is a deep, open-shoulder drive tire that delivers high traction, high torque, and cut and chip resistance plus high mileage. The tire comes with a 28/32" tread depth, which adds to its long life. These benefits, plus a competitive acquisition point, make the M610 a leading value alternative tire popular with fleets.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	DRIVE	-
URBAN	DRIVE	-

EXCELLENT TRACTION

- Deep open-shoulder tread provides traction in both wet and dry conditions.
- High-traction, high-torque tread design prevents block tearing.

MAXIMUM REMOVAL MILES

- DSOC II™ technology optimizes footprint design for even wear and long life.
- Deep tread depth delivers longer life.
- Tie bars in shoulder bridge reduce tread block movement.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- Four-steel-belt construction braces the tread area, improving durability.
- V-shaped groove design ejects packed stone at low speeds to prevent stone drilling.
- High-elongation top belt protects casing integrity.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	556350	G / 14	144/142L	7.50-(8.25)	125	28	42	11.1	18.8	6175	5840	105	105	495	75
11R22.5	556330	H / 16	146/143L	7.50-(8.25)	124	28	42	11.1	18.8	6610	6005	120	120	495	75
295/75R22.5	556380	G / 14	144/141L	(8.25)-9.00	120	28	40.7	11.1	18.4	6175	5675	110	110	510	75
11R24.5	556460	G / 14	146/143L	8.25	138	28	44	11.1	20.4	6610	6005	105	105	471	75
11R24.5	556470	H / 16	149/146L	8.25	138	28	44	11.1	20.4	7160	6610	120	120	471	75
285/75R24.5	556500	G / 14	144/141L	8.25	130	28	42	11.1	19.5	6175	5675	110	110	494	75

REGIONAL DRIVE TIRE

The M647 is Toyo's highest-mileage drive tire. Its deep tread depth is ideal for urban to long haul operations, where tread wear is the primary reason tires are removed from service. Excellent miles per 32nd, combined with minimal irregular wear, make it the drive tire of choice in multiple applications. These benefits, combined with a competitive acquisition point, result in a lower cost per mile, for urban, regional, and long haul vehicles.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	-	DRIVE
REGIONAL	DRIVE	-
URBAN	DRIVE	-



EXCEPTIONAL REMOVAL MILES

- Deep tread depth delivers maximum miles.
- E-balance provides optimum footprint wear to increase mileage performance.
- Four-groove tread design, combined with an optimized void ratio, contributes to high mileage.
- High-rigidity shoulder reduces edge wear to prevent early removal.

EXCELLENT PERFORMANCE AND SAFETY

- Deep-groove siping equal to main groove depth ensures wet traction until worn out.

MAXIMUM RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.



M647

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	558070	G / 14	144/142L	7.50-(8.25)	124	30	42.1	11.1	19.6	6175	5840	105	105	493	75
11R22.5	558090	H / 16	146/143L	7.50-(8.25)	124	30	42.1	11.1	19.6	6610	6005	120	120	493	75
12R22.5	558360	H / 16	150/147L	8.25-(9.00)	143	29	43.2	12	20.1	7390	6780	120	120	481	75
255/70R22.5	558350	H / 16	140/137L	(7.50)-8.25	99	25	37.1	9.9	17.2	5510	5070	120	120	560	75
295/75R22.5	558300	G / 14	144/141L	(8.25)-9.00	120	30	40.9	11.1	19	6175	5675	110	110	507	75
11R24.5	558170	G / 14	146/143L	7.50-(8.25)	123	30	44.1	11.1	20.5	6610	6005	105	105	471	75
11R24.5	558180	H / 16	149/146L	7.50-(8.25)	123	30	44.1	11.1	20.5	7160	6610	120	120	471	75
285/75R24.5	558160	G / 14	144/141L	8.25	123	30	42.1	10.8	19.6	6175	5675	110	110	494	75

URBAN DRIVE TIRE

The M650 is a deep, open-shoulder drive tire designed for high torque applications. It delivers traction and high mileage while providing great cut and chip resistance. The tire comes with a 28/32" tread depth, which adds to its long life. These benefits, plus a low-rolling-resistance tread and competitive acquisition point, make the SmartWay-verified M650 a leading value alternative tire popular with fleets.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	DRIVE	-
URBAN	DRIVE	-



SmartWay

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance tread compound minimizes fuel consumption and qualifies it as a SmartWay-verified drive tire.

EXCELLENT TRACTION

- Deep 28/32", open-shoulder tread provides traction in both wet and dry conditions.
- High-traction, high-torque tread design prevents block tearing.

MAXIMUM REMOVAL MILES

- E-balance provides optimum footprint wear to increase mileage performance.
- Deep 28/32" tread depth delivers longer life.
- Tie bars in shoulder bridge reduce tread block movement.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- V-shaped groove design ejects packed stones at low speeds to prevent stone drilling.
- High-elongation top belt protects casing integrity.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	558820	G / 14	144/142L	7.50-{8.25}	125	28	42	11.1	18.8	6175	5840	105	105	495	75
11R22.5	558830	H / 16	146/143L	7.50-{8.25}	125	28	42	11.1	18.8	6610	6005	120	120	495	75
295/75R22.5	558800	G / 14	144/141L	{8.25}-9.00	120	28	40.7	11.1	18.4	6175	5675	110	110	510	75

URBAN AND ON/OFF-ROAD ALL-POSITION TIRE

The all-weather M655™ is a tough, mixed service commercial tire built for year-round use in local and regional operations. This tire is highly capable both on and off the road, and suitable for both drive and steer applications. A 3-Peak Mountain Snowflake confirms its ability to perform in snow and ice, while durable construction helps keep it in service day after day. These benefits, combined with a competitive acquisition point, make the M655 a leading value alternative for the harshest of year-round jobs.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	DRIVE	-
URBAN	DRIVE	-
ON/OFF ROAD	DRIVE	STEER



Three-Peak Mountain
Snowflake qualified.

SUPERIOR ALL-WEATHER PERFORMANCE

- Wide, aggressive tread design delivers optimal traction in snow, mud, and sand.
- Multi-wave sipes improve braking on icy, wet, and dry roads
- Accepts TSMI #15 studs for use in extreme winter conditions.

MAXIMUM REMOVAL MILES

- E-balance provides optimum footprint wear to increase mileage performance.
- Wider tread width for even load distribution, improved stability, and excellent profile retention.
- Multi-stage bridge supports block stiffness for long, even wear.
- Extra-wide block and lug pattern with optimized tread depth offers excellent mileage.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Special cut-and chip-resistant tread compound.
- Stone ejectors in all major grooves prevent casing damage.
- Aggressive sidewall protector reduces cutting and curb damage.



M655

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
225/70R19.5	556640	G / 14	128/126N	(6.00)-6.75	70	20	32.3	8.5	14.8	3970	3750	110	110	643	87
245/70R19.5	556650	H / 16	136/134N	6.75-(7.50)	82	21	33.5	9.9	15.2	4940	4675	120	120	621	87

SUPER REGIONAL DRIVE TIRE

The NanoEnergy® M671 provides superior traction and long, even wear. And with a uniform compound developed through Nano Balance Technology, the M671 delivers exceptional fuel efficiency and resistance to irregular wear. Our advanced e-Balance design maintains the tread profile while reducing strain at the bead area and belt edge, while an optimized tread pattern with 3D sipes provides even contact pressure and wear for longer tire life.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	DRIVE	-
REGIONAL	DRIVE	-



SmartWay

NANOENERGY®

MAXIMUM FUEL EFFICIENCY

- Uniformity of the cap and base compound increases fuel efficiency and wear resistance.
- Advanced pad and sidewall compounds contribute to increased fuel efficiency.

EXCELLENT REMOVAL MILES

- Wide belt package minimizes growth of the tread profile and reduces irregular wear.
- Wide tread with 3D sipes maintains rib stiffness and even contact pressure.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- High elongation top belt protects the casing from cuts.
- Stone ejectors prevent casing damage.
- Steel chafer bead improves durability and retreadability.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	500540	G / 14	144/142L	7.50-(8.25)	136	26	41.9	11.1	19.5	6175	5840	105	105	496	75
11R22.5	500550	H / 16	146/143L	7.50-(8.25)	137	26	41.9	11.1	19.5	6610	6005	120	120	496	75
295/75R22.5	500530	G / 14	144/141L	(8.25)-9.00	127	26	40.4	11.1	18.8	6175	5675	110	110	514	75

LONG HAUL SUPER SINGLE DRIVE TIRE

The NanoEnergy® M675 is an even-wearing super single drive tire that maximizes fuel efficiency and mileage in long haul applications. This is the most fuel-efficient drive tire in the Toyo lineup, with low-rolling resistance, excellent wear in miles per 32nd. These benefits, combined with a competitive acquisition point, make the M675 a leading value alternative drive tire.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	DRIVE	-



SmartWay **NANOENERGY®**

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance nanocomposite polymer compound developed with NanoBalance™ technology maximizes fuel efficiency and qualifies it as a SmartWay-verified drive tire while improving overall durability.

EXCELLENT REMOVAL MILES

- Extra-wide tread provides optimum footprint to increase mileage.
- Six-groove design optimizes contact pressure for long, even wear.
- Deep tread depth maximizes tread life.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Enhanced, high-speed casing design resists casing fatigue.
- Unique belt package protects casing integrity.



M675

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
445/50R22.5	500460	L / 20	161L	(14.00)-15.00	200	24	40.4	17.4	18.8	10200	-	120	-	515	75

LONG HAUL DRIVE TIRE

The M677 is a SmartWay-verified, four-groove drive tire for extreme long to regional haul operations. Built with a deep tread, this tire is designed to maximize fuel efficiency and delivers excellent wear performance and great traction. These benefits combined with a competitive acquisition point make the M677 a leading value alternative tire for regional to extreme long haul fleets.

APPLICATION	RECOMMENDED	SUITABLE
EXTREME LONG HAUL	DRIVE	-
LONG HAUL	DRIVE	-
REGIONAL	DRIVE	-



SmartWay

MAXIMUM FUEL EFFICIENCY

- Low-rolling-resistance tread compound minimizes fuel consumption and qualifies it as a SmartWay-verified steer tire.

EXCELLENT REMOVAL MILES

- Wide and deep tread delivers longer life.
- E-balance provides optimum footprint wear to increase mileage performance.
- High-rigidity shoulder reduces the likelihood of early removal due to irregular wear.

EXCEPTIONAL RETREADABILITY AND CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Enhanced, high-speed casing design resists casing fatigue.
- High-elongation top belt protects casing integrity.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	540130	G / 14	144/142L	7.50-(8.25)	127	28	42	11.1	18.8	6175	5840	105	105	495	75
11R22.5	540230	H / 16	146/143L	7.50-(8.25)	128	28	42	11.1	18.8	6610	6005	120	120	495	75
295/75R22.5	540070	G / 14	144/141L	(8.25)-9.00	117	28	40.7	11.1	18.4	6175	5675	110	110	510	75
295/75R22.5	540240	H / 16	146/143L	(8.25)-9.00	122	28	40.7	11.1	18.4	6610	6005	120	120	510	75
11R24.5	540120	G / 14	146/143L	7.50-(8.25)	136	28	44	11.1	19.8	6610	6005	105	105	472	75
11R24.5	540250	H / 16	149/146L	7.50-(8.25)	137	28	44	11.1	19.8	7160	6610	120	120	472	75
285/75R24.5	540110	G / 14	144/141L	8.25	124	28	41.9	10.8	19	6175	5675	110	110	495	75

REGIONAL ALL-POSITION TIRE

The M920 drive tire delivers superb all-weather traction and high mileage for year-round use in regional and urban operations. This unique tire features a Three-Peak Mountain Snowflake plus a wider tread width for even load distribution and improved stability. The deep tread ensures maximum mileage on pickup and delivery vehicles, while an N-speed rating matches OE specifications. Computer-optimized design, all-weather traction, and high mileage combine with a competitive acquisition point to make the M920 the leading value alternative for pickup and delivery vehicles using a 19.5" tire.

APPLICATION	RECOMMENDED	SUITABLE
REGIONAL	DRIVE	STEER
URBAN	DRIVE	STEER



Three-Peak Mountain
Snowflake qualified.

MAXIMUM REMOVAL MILES

- Deep tread depth delivers maximum miles.
- E-balance provides optimum footprint wear to increase mileage performance.
- Wider tread width for even load distribution, improved stability, and excellent profile retention.
- Super-thin sipes decrease block movement under driving and braking conditions to deliver more even wear.

SUPERIOR ALL-WEATHER PERFORMANCE

- Optimized staggered shoulder blocks provide exceptional all-weather traction.
- Cross-sipe arrangement maintains block stiffness to provide traction throughout the life of the tire.

EXCELLENT CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Stone ejectors in all major grooves prevent casing damage.



M920 (19.5)

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
225/70R19.5	540040	G / 14	128/126N	(6.00) -6.75	68	21	32.4	8.3	14.8	3970	3750	110	110	642	87
245/70R19.5	540050	G / 14	133/131N	6.75- (7.50)	79	22	33.6	9.9	15.2	4540	4300	110	110	619	87

REGIONAL DRIVE TIRE

The M920 drive tire delivers superb all-season traction and high mileage for long haul, regional and urban operations. This unique tire features a wider tread width for even load distribution and improved stability. Deep tread depth ensures maximum mileage in a variety of applications. Computer-optimized design, all-season traction, and high mileage combine with a competitive acquisition point to make the M920 the leading value alternative for regional and local vehicles.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	DRIVE	-
REGIONAL	DRIVE	-
URBAN	DRIVE	-



Three-Peak Mountain
Snowflake qualified.

MAXIMUM REMOVAL MILES

- Deep tread depth delivers maximum miles.
- E-balance provides optimum footprint wear to increase mileage performance.
- Wider tread width provides even load distribution, improved stability, and excellent profile retention.
- Super-thin sipes decrease block movement under driving and braking conditions to deliver more even wear.

SUPERIOR ALL-SEASON PERFORMANCE

- Optimized staggered shoulder blocks provide exceptional all-season traction.
- Cross-sipe arrangement maintains block stiffness to provide traction throughout the life of the tire.

EXCELLENT CASING DURABILITY

- E-balance profile minimizes growth of the tread profile and maintains uniform and flatter tread radius for the entire life of the casing.
- Stone ejectors in all major grooves prevent casing damage.



TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
11R22.5	540100	G / 14	144/142L	7.50-{8.25}	128	27	41.9	11.1	19.5	6175	5840	105	105	495	75
11R22.5	540090	H / 16	146/143L	7.50-{8.25}	128	27	41.9	11.1	19.5	6610	6005	120	120	495	75
295/75R22.5	540170	G / 14	144/141L	{8.25}-9.00	127	27	40.7	11.1	18.9	6175	5675	110	110	510	75
315/80R22.5	540190	L / 20	157/154L	{9.00}-9.75	174	29	43.1	12.3	20.1	9090	8270	130	130	481	75
11R24.5	540140	H / 16	149/146L	7.50-{8.25}	139	27	43.9	11.1	20.4	7160	6610	120	120	473	75
285/75R24.5	540160	G / 14	144/141L	8.25	132	27	41.9	10.8	19.5	6175	5675	110	110	496	75

LOW-PLATFORM TRAILER TIRE

The M1430 is the ideal 17.5" tire for low-platform and high-cube trailers in regional, urban, and long haul applications. The high miles per 32nd, with minimized irregular wear, results in excellent removal miles. This, combined with a competitive acquisition point, makes the M1430 a leading value alternative low-platform trailer tire.

APPLICATION	RECOMMENDED	SUITABLE
LONG HAUL	TRAILER	-
REGIONAL	TRAILER	-
URBAN	TRAILER	-

MAXIMUM REMOVAL MILES

- DSOC II™ technology optimizes footprint design for even wear and long life.
- Five-rib, four-groove pattern with a solid outer rib and tread depth combine for long, even wear.

HIGH-LOAD CARRYING CAPACITY

- Wide-belt construction braces the tread area for increased load-carrying capacity.
- Enhanced bead construction stabilizes the casing for heavy loads.

EXCEPTIONAL CASING DURABILITY

- Stone-ejector grooves minimize stone retention to maintain casing integrity.
- High-elongation top belt protects casing integrity.

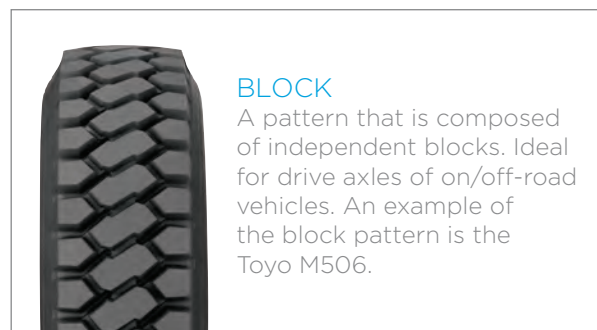


M1430

TIRE SIZE	PRODUCT CODE	LOAD RANGE & PLY RATING	LI/SS	APPROVED RIM WIDTH RANGE (IN.) (DESIGN RIM)	TIRE WEIGHT (LBS.)	TREAD DEPTH	INFLATED DIMENSIONS*		STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.)		MAX PRESSURE (LBS.)		REVS PER MILE	MAX SPEED (MPH)
							OVERALL DIAMETER (IN.)	OVERALL WIDTH (IN.)		SINGLE	DUAL	SINGLE	DUAL		
215/75R17.5	520500	H / 16	135/133J	(6.00)-6.75	60	15	30.5	8.3	14.2	4805	4540	125	125	681	62
235/75R17.5	520540	J / 18	143/141J	(6.75)-7.50	65	15	31.6	9.2	14.3	6005	5675	125	125	657	62
245/70R17.5	520530	J / 18	143/141J	(6.75)-7.50	69	16	31.5	9.5	14.6	6005	5675	125	125	660	62

TREAD PATTERNS

There are four basic tread patterns that are used for truck and bus tires. Each one is suited for a particular application.



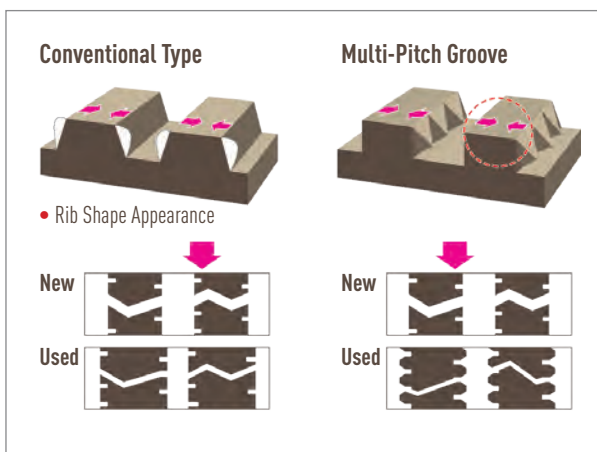
ICONS



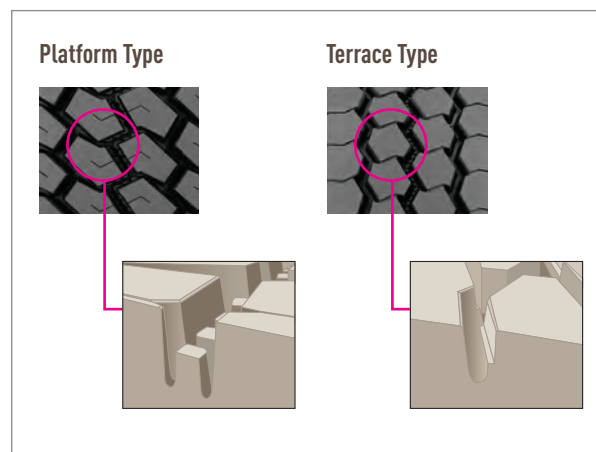
MULTI-PITCH GROOVE AND STONE EJECTORS

The multi-pitch groove and stone ejectors both offer superior performance and longer tire life. As wear progresses, groove configuration changes to a zigzag shape, enabling consistent traction throughout the life of a tire. The stone ejectors help prevent casing damage when stones become wedged in grooves, otherwise known as stone drilling.

MULTI-PITCH GROOVE



STONE EJECTORS

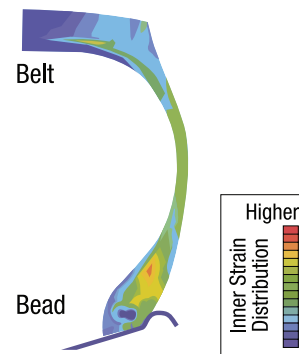


E-BALANCE



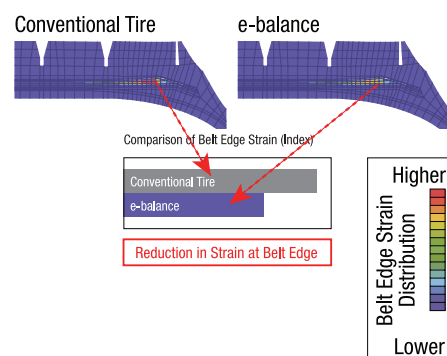
Toyo Tires e-balance for commercial truck tires improves fundamental performance characteristics and their compatibility with one another. These characteristics are tire life, irregular wear resistance, endurance, and fuel consumption. All of these improvements help to lower fleet operating costs and make e-balance tires more environmentally friendly.

The technologies of e-balance incorporate improvements in the areas of Tread Profile Retention, Bead Profile Retention, and overall Simulation for optimum tire design.



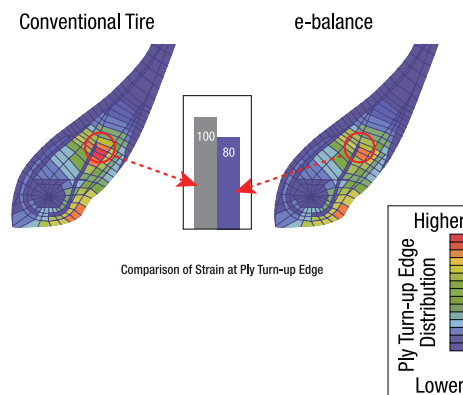
TREAD PROFILE RETENTION

Tires that utilize e-balance exhibit improved tread profile retention, resulting in less service growth compared to conventional tires. The flatter tread radius provides an optimized footprint shape resulting in even wear, less irregular wear, and longer life. Strain at the belt edge is reduced by approximately 30%, which also helps to improve tread profile retention.



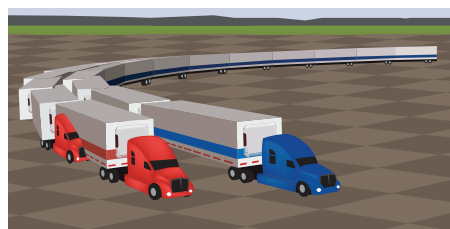
BEAD PROFILE RETENTION

Tires that utilize e-balance have higher bead stiffness to achieve improvements in bead profile retention. This leads to a reduction in irregular wear and an improvement in endurance. The bead area profile is retained even after service. Increased bead stiffness is achieved through the use of a high-stiffness bead core, which is then surrounded by high-stiffness rubber. A low-heat buildup rubber is also used in the bead filler area. Strain at the ply turn-up edge is reduced by approximately 20% over conventional tires.



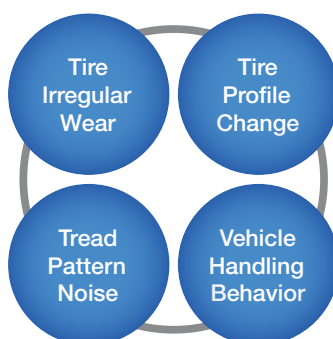
SIMULATION

There are four simulation technologies utilized in e-balance. These are tire irregular wear, tire profile change, tread pattern noise, and vehicle handling behavior. All of these areas are analyzed with careful consideration as to how they affect one another. This new simulation technology allows for optimization of tire design with much higher accuracy than was possible before.



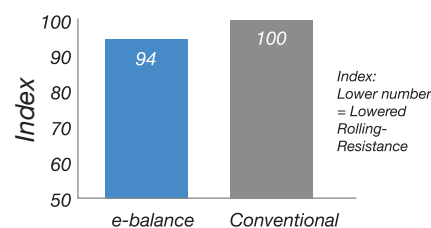
Blue Truck: e-balance / Red Truck: without e-balance.
V:40km/h Steering Angle 90°

T-Mode simulation is a computer process to confirm handling of a vehicle using the data of dynamic tire characteristics and vehicle features.



Rolling Resistance

e-balance vs. Conventional



Test tire: 11R22.5 rib type
Test results at 60km/h

NANO BALANCE **NANOENERGY®**

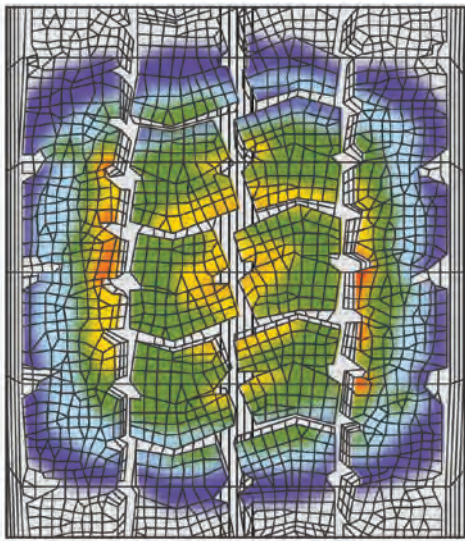
Nano Balance is a proprietary technology that focuses on improving performance through advanced simulation, material design, production control, and research of tire compound materials at the nano level (a nanometer = 1 billionth of a meter). By working with the complex molecular structures and composition properties of these materials, such as carbon black and silica, Toyo Tires can more precisely control the way in which they bond to one another and influence tire performance. The result is high precision tire rubber compounds that provide stable and balanced performance.

DSOC II

You can always feel confident when you recommend Toyo Tires commercial tires to your customers. Each is a unique combination of components and design features that meet specific service criteria.

Toyo Tires engineers study the process of irregular wear using the DSOC II (Dynamic Simulation Optimized Contact) system. DSOC II is a sophisticated computer program that simulates forces acting on a tire under actual operating conditions. The simulation reveals stress levels within the tire, how speed changes affect footprint size and shape, as well as other factors.

A truck tire in motion changes its contour or shape according to its load and operating speed. DSOC II™ Technology allows Toyo Tires engineers to observe these changes in great detail. This remarkable technology has made design breakthroughs easier to achieve and has also significantly reduced development time.



DSOC II™ SIMULATION

TIRE SIZE AND DIMENSION DEFINITIONS

The size and strength of each tire are identified and indicated on the tire.

For example:

11 R 22.5 14PR — Ply Rating
 — Nominal Rim Diameter (inches)
 — Radial Construction
 — Nominal Section Width (inches)

295/75R22.5 14G
 — Load Range
 — Ply Rating
 — Tubeless Rim Diameter (inches)
 — Radial Construction
 — Aspect Ratio
 — Nominal Section Width (millimeters)

PLY RATING

Ply rating is used to identify a given tire with its maximum recommended load when used in a specific type of service. It is an index of tire strength and does not necessarily represent the number of cord plies in the tire.

LOAD RANGE

Load range is merely a letter used to correspond with a ply rating.

PLY RATING	2	4	6	8	10	12	14	16	18	20	22	24
LOAD RANGE	A	B	C	D	E	F	G	H	J	L	M	N

TREAD DEPTH

Tread depth indicates the depth of grooves in the tread.

MEASURING RIM WIDTH

Measuring rim width is the specific rim width assigned to each tire size designation to determine the tire dimensions.

OVERALL DIAMETER

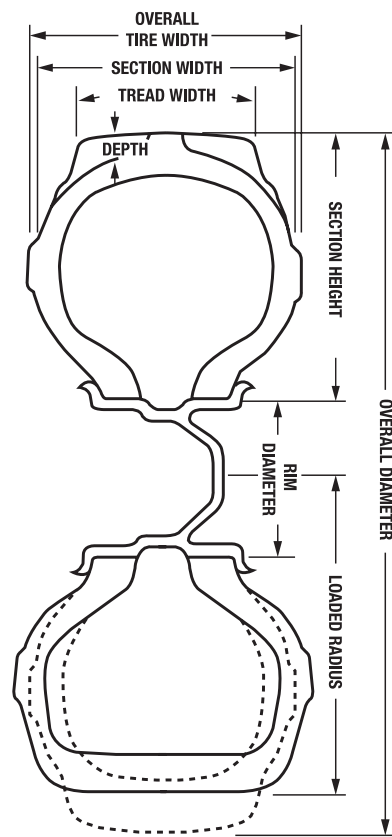
The diameter of a new tire mounted on the rim and inflated under no load.

OVERALL WIDTH

The width of a new tire including normal growth due to inflation and including bars, letters, or decorations embossed on sidewalls.

STATIC LOADED RADIUS

The shortest distance from the axle center to a flat contact surface of a tire mounted on the approved rim at the specified inflation pressure and loaded with the specified load.



SPEED SYMBOL

The Speed Symbol indicates the speed at which the tire can carry a load corresponding to its Load Index under service conditions specified by the tire manufacturer.

SPEED SYMBOL	SPEED (KM/H)	SPEED (MPH)	SPEED SYMBOL	SPEED (KM/H)	SPEED (MPH)
A1	5	3	K	110	68
A2	10	6	L	120	75
A3	15	9	M	130	81
A4	20	12	N	140	87
A5	25	16	P	150	93
A6	30	19	Q	160	99
A7	35	22	R	170	106
A8	40	25	S	180	112
B	50	31	T	190	118
C	60	37	U	200	124
D	65	40	H	210	130
E	70	43	V	240	149
F	80	50	W	270	168
G	90	55	Y	300	186
J	100	62	(Y) ZR*	314 OPEN ENDED	195 OPEN ENDED

*Consult tire manufacturer for top speed capability.

NOTE: All calculation for KM/H to MPH and KG to LBS are rounded off. Your calculation may differ. If in doubt, use Tire and Rim Association recommendation.

LOAD INDEX

The Load Index is a numerical code associated with the maximum load a tire can carry at the speed indicated by its Speed Symbol under service conditions specified by the tire manufacturer.

LI	KG	LBS	LI	KG	LBS	LI	KG	LBS	LI	KG	LBS
100	800	1765	121	1450	3195	142	2650	5840	163	4875	10700
101	825	1820	122	1500	3305	143	2725	6005	164	5000	11000
102	850	1875	123	1550	3415	144	2800	6175	165	5150	11400
103	875	1930	124	1600	3525	145	2900	6395	166	5300	11700
104	900	1985	125	1650	3640	146	3000	6610	167	5450	12000
105	925	2040	126	1700	3750	147	3075	6780	168	5600	12300
106	950	2095	127	1750	3860	148	3150	6940	169	5800	12800
107	975	2150	128	1800	3970	149	3250	7160	170	6000	13200
108	1000	2205	129	1850	4080	150	3350	7390	171	6150	13600
109	1030	2270	130	1900	4190	151	3450	7610	172	6300	13900
110	1060	2335	131	1950	4300	152	3550	7830	173	6500	14300
111	1090	2405	132	2000	4410	153	3650	8050	174	6700	14800
112	1120	2470	133	2060	4540	154	3750	8270	175	6900	15200
113	1150	2535	134	2120	4675	155	3875	8540	176	7100	15700
114	1180	2600	135	2180	4805	156	4000	8820	177	7300	16100
115	1215	2680	136	2240	4940	157	4125	9090	178	7500	16500
116	1250	2755	137	2300	5070	158	4250	9370	179	7750	17100
117	1285	2835	138	2360	5205	159	4375	9650	180	8000	17600
118	1320	2910	139	2430	5355	160	4500	9920			
119	1360	3000	140	2500	5510	161	4625	10200			
120	1400	3085	141	2575	5675	162	4750	10500			

Load limits at various speeds for radial ply truck tires used on improved surfaces.

(These tables do not apply to rims or wheels. Consult rim and wheel manufacturer.)

Tire and Rim Association Standard

Table 1 - Truck/Bus Tires

The service load and minimum (cold) inflation must comply with the following limitations unless a speed restriction is indicated on the tire:

Tire and Rim Association Standard

(These tables apply to tires only. Consult rim/wheel manufacturer for rim/wheel load and inflation capabilities).

Load limits at various speeds for radial ply truck tires used on improved surfaces.

1. FOR METRIC AND WIDE-BASE TIRES

SPEED RANGE (MPH)	% LOAD CHANGE	INFLATION PRESSURE CHANGE
41 THRU 50	+7%	NO INCREASE
31 THRU 40	+9%	NO INCREASE
21 THRU 30	+12%	+10 PSI
11 THRU 20	+17%	+15 PSI
6 THRU 10	+25%	+20 PSI
2.6 THRU 5	+45%	+20 PSI
CREEP THRU 2.5	+55%	+20 PSI
CREEP**	+75%	+30 PSI
STATIONARY	+105%	+30 PSI

2. FOR CONVENTIONAL TIRES

SPEED RANGE (MPH)	% LOAD CHANGE	INFLATION PRESSURE CHANGE
41 THRU 50	+9%	NO INCREASE
31 THRU 40	+16%	NO INCREASE
21 THRU 30	+24%	+10 PSI
11 THRU 20	+32%	+15 PSI
6 THRU 10*	+60%	+30 PSI
2.6 THRU 5*	+85%	+30 PSI
CREEP THRU 2.5*	+115%	+30 PSI
CREEP* **	+140%	+40 PSI
STATIONARY*	+185%	+40 PSI

*Apply these increases to Dual Loads and Inflation Pressures.

**Creep - Motion for not over 200 feet in a 30-minute period.

NOTE: The inflation pressures shown in the referenced tables are minimum cold pressures for the various loads listed. Higher pressures should be used as follows:

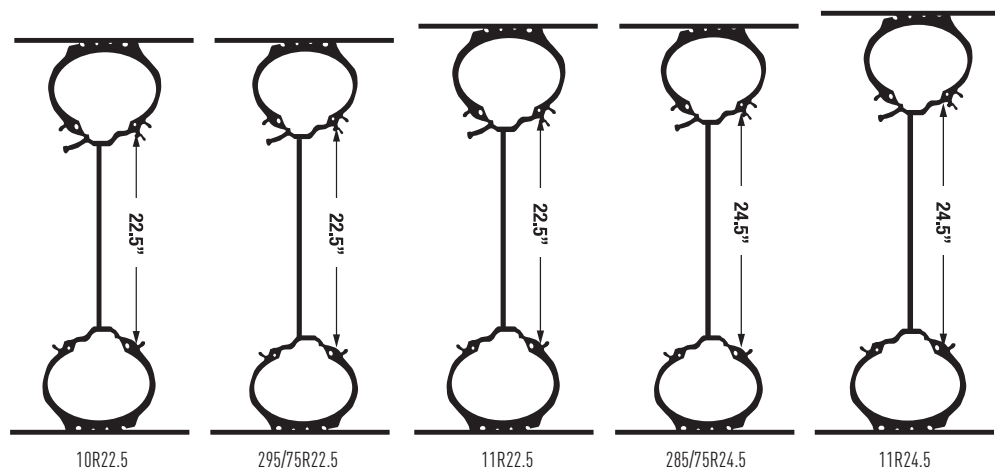
A: When required by the above speed/load table.

B: When higher pressures are desirable to obtain improved operating performance.

For speeds above 20 MPH, the combined increases of A and B should not exceed 10 PSI above the inflation specified for the maximum load of the tire.

THE MAXIMUM LOAD AND INFLATION CAPACITY OF THE RIM MUST NOT BE EXCEEDED.

LOW PROFILE VS. STANDARD SERIES DIMENSIONS



OVERALL DIAMETER	40.1	39.9	41.5	41.3	43.5
LOADED RADIUS	18.6	18.7	19.3	19.3	20.2
REVS PER MILE	520	517	501	501	478
MAX LOAD SINGLE (LB) 6/14	5,675 @ 115 PSI	6,175 @ 110 PSI	6,175 @ 105 PSI	6,175 @ 110 PSI	6,610 @ 105 PSI

LOAD AND INFLATION TABLES

TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES

*** NEVER** exceed the sidewall markings for the maximum loads and inflation pressures.

Note: Letters in parentheses denote Load Range for which Bold Face loads are maximum.

International Load Index numbers are shown after the Load Range.

Tire Size	PSI		70	75	80	85	90	95	100	105	110	115	120	125	130
215/75R17.5	Dual	lbs.	2570	2715	2860	3000	3140	3280	3420(F)	-	-	-	-	-	-
	Single	lbs.	2650	2800	2950	3095	3240	3385	3530(F)	-	-	-	-	-	-
215/75R17.5	Dual	lbs.	2550	2695	2835	2980	3120	3255	3390	3530 (G)	-	-	-	-	-
	Single	lbs.	2710	2865	3015	3165	3310	3460	3605	3750(G)	-	-	-	-	-
225/70R19.5	Dual	lbs.	2720	2860	3000(E)	3115	3245	3415(F)	3490	3615	3750(G)	-	-	-	-
	Single	lbs.	2895	3040	3195(E)	3315	3450	3640(F)	3715	3845	3970(G)	-	-	-	-
245/70R19.5	Dual	lbs.	-	-	3415	3515	3655	3860(F)	3940	4075	4300(G)	4345	4540(H)	-	-
	Single	lbs.	-	-	3640	3740	3890	4080(F)	4190	4335	4540(G)	4620	4805(H)	-	-
265/70R19.5	Dual	lbs.	-	-	3750	3930	4095	4300	4405	4415	4675(G)	-	-	-	-
	Single	lbs.	-	-	3970	4180	4355	4540	4685	4850	5070(G)	-	-	-	-
265/70R19.5	Dual	lbs.	-	-	-	4235	4435	4630	4825	5015	5205(G)	-	-	-	-
	Single	lbs.	-	-	-	4485	4695	4900	5105	5310	5510(G)	-	-	-	-
285/70R19.5	Dual	lbs.	-	-	4200	4410	4615	4820	5020	5220	5420	5615	5810	6005(H)	-
	Single	lbs.	-	-	4470	4695	4915	5130	5345	5560	5770	5980	6185	6395(H)	-
8R19.5	Dual	lbs.	2460	2570	2680(D)	2785	2890	3000(E)	3100	3200	3305(F)	-	-	-	-
	Single	lbs.	2540	2680	2835(D)	2955	3075	3195(E)	3305	3415	3525(F)	-	-	-	-
8.25R20	Dual	lbs.	3270	3410	3550	3690	3860(E)	4005	4150	4300(F)	4425	4550	4675(G)	-	-
	Single	lbs.	3370	3560	3730	3890	4080(E)	4235	4390	4540(F)	4675	4810	4940(G)	-	-
9.00R20	Dual	lbs.	3860(D)	4045	4230	4410(E)	4585	4760	4940(F)	5080	5220	5355(G)	-	-	-
	Single	lbs.	4080(D)	4280	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)	-	-	-
10.00R20	Dual	lbs.	4380	4580	4760	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)	-	-
	Single	lbs.	4530	4770	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)	-	-
11.00R20	Dual	lbs.	4780	4990	5190	5390	5675(F)	5785	5895	6005(G)	6265	6525	6780(H)	-	-
	Single	lbs.	4940	5200	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)	-	-
12.00R20	Dual	lbs.	5440	5680	5910	6140	6360	6610(G)	6790	6970	7160(H)	7390	7610(J)	-	-
	Single	lbs.	5620	5920	6200	6480	6740	7160(G)	7380	7600	7830(H)	8050	8270(J)	-	-
11.00R22	Dual	lbs.	5080	5300	5520	5730	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)	-	-
	Single	lbs.	5240	5520	5790	6040	6395(F)	6650	6910	7160(G)	7380	7600	7830(H)	-	-
245/75R22.5*	Dual	lbs.	3160	3315	3525	3615	3765	3970	4055	4195	4300(G)	-	-	-	-
	Single	lbs.	3470	3645	3860	3975	4140	4300	4455	4610	4675(G)	-	-	-	-
255/70R22.5	Dual	lbs.	-	-	3970	4110	4275	4410	4455	4610	4675(G)	4915	5070(H)	-	-
	Single	lbs.	-	-	4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)	-	-
265/75R22.5**	Dual	lbs.	3525	3705	3860	4040	4205	4410	4525	4685	4805(G)	-	-	-	-
	Single	lbs.	3875	4070	4300	4440	4620	4805	4975	5150	5205(G)	-	-	-	-
275/70R22.5	Dual	lbs.	3895	4115	4335	4550	4765	4975	5180	5390	5590	5795	5995	6195	6395(H)
	Single	lbs.	4230	4470	4705	4940	5175	5400	5630	5850	6075	6295	6510	6730	6945(H)
295/75R22.5***	Dual	lbs.	4095	4300	4540	4690	4885	5070(F)	5260	5440	5675(G)	5795	6005(H)	-	-
	Single	lbs.	4500	4725	4940	5155	5370	5510(F)	5780	5980	6175(G)	6370	6610(H)	-	-
295/75R22.5***	Dual	lbs.	-	-	-	-	-	5305	5530	5750	5965	6185	6400	6610(H)	-
	Single	lbs.	-	-	-	-	-	5750	5990	6230	6465	6700	6930	7160(H)	-
295/80R22.5	Dual	lbs.	4360	4610	4855	5095	5335	5570	5805	6035	6265	6490	6715	6940(H)	-
	Single	lbs.	4920	5200	5475	5750	6020	6285	6545	6810	7065	7320	7575	7830(H)	-
305/70R22.5	Dual	lbs.	4405	4655	4900	5145	5385	5625	5860	6095	6325	6555	6780(J)	-	-
	Single	lbs.	4800	5075	5345	5610	5870	6130	6385	6640	6895	7145	7390(L)	-	-
305/70R22.5	Dual	lbs.	-	-	-	-	5505	5750	5990	6230	6465	6700	6930	7160	7390 (L)
	Single	lbs.	-	-	-	-	5835	6090	6350	6600	6850	7100	7345	7590	7830 (L)
315/80R22.5	Dual	lbs.	-	-	5675	5840	6070	6395	6645	6770	6940	7210	7610	8010	8270(L)
	Single	lbs.	-	-	6175	6415	6670	6940	7190	7440	7610	7920	8270	8810	9090(L)
315/80R22.5	Dual	lbs.	-	-	-	-	5505	5750	5990	6230	6465	6700	6930	7160	7390(L)
	Single	lbs.	-	-	-	-	6980	7290	7595	7900	8200	8495	8790	9080	9370(L)
315/80R22.5****	Dual	lbs.	5030	5315	5595	5875	6150	6420	6690	6955	7220	7480	7740	8000	8255(L)
	Single	lbs.	6090	6440	6780	7115	7450	7780	8105	8425	8745	9065	9375	9690	10000(L)
9R22.5	Dual	lbs.	3270	3410	3550	3690	3860(E)	4005	4150	4300(F)	4425	4550	4675(G)	-	-
	Single	lbs.	3370	3560	3730	3890	4080(E)	4235	4390	4540(F)	4675	4810	4940(G)	-	-
10R22.5	Dual	lbs.	3860	4045	4230	4410(E)	4585	4760	4940(F)	5075	5210	5355(G)	-	-	-
	Single	lbs.	4080	4280	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)	-	-	-
11R22.5	Dual	lbs.	4380	4580	4760	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)	-	-
	Single	lbs.	4530	4770	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)	-	-
11R22.5	Dual	lbs.	-	-	-	-	5205	5415	5625	5840	5895	5950	6005(H)	-	-
	Single	lbs.	-	-	-	-	5510	5730	5950	6175	6320	6465	6610(H)	-	-
12R22.5*****	Dual	lbs.	4780	4990	5190	5390	5675(F)	5785	5895	6005(G)	6265	6525	6780(H)	-	-
	Single	lbs.	4940	5200	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)	-	-
12R22.5*****	Dual	lbs.	-	-	-	-	5675	5785	5895	6005	6265	6525	6780(H)	-	-
	Single	lbs.	-	-	-	-	6005	6205	6405	6610	6870	7130	7390(H)	-	-
285/75R24.5	Dual	lbs.	4135	4340	4540	4740	4930	5205(F)	5310	5495	5675(G)	5860	6175(H)	-	-
	Single	lbs.	4545	4770	4940	5210	5420	5675(F)	5835	6040	6175(G)	6440	6780(H)	-	-
11R24.5	Dual	lbs.	4660	4870	5070	5260	5510(F)	5675	5840	6005(G)	6205	6405	6610(H)	-	-
	Single	lbs.	4820	5070	5310	5550	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)	-	-

* Equivalent to Michelin 235/80R22.5

** Equivalent to Michelin 255/80R22.5

*** Equivalent to Michelin 275/80R22.5

**** For M320Z only

***** Equivalent to Michelin 295/80R22.5

NOTE: All data shown here is approximately what you would find under normal conditions and is subject to change without notice. Though every effort has been taken to ensure the accuracy of this data shown here, legal responsibility cannot be accepted by Toyo Tire U.S.A. or Toyo Tire Corporation for any damage or loss coming from any undetected errors or any misprint.

LOAD AND INFLATION TABLES

TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES

* **NEVER** exceed the sidewall markings for the maximum loads and inflation pressures.

Note: Letters in parentheses denote Load Range for which Bold Face loads are maximum.

International Load Index numbers are shown after the Load Range.

Tire Size	PSI		70	75	80	85	90	95	100	105	110	115	120	125	130
14/80R20	Single	lbs.	5870	6205	6535	6860	7180	7495	7810	8120	8430	8735	9040(J)	-	-
385/65R22.5	Single	lbs.	6380	6720	6940	7350	7650	8050	8230	8510	8820	9050	9370(J)	-	-
425/65R22.5	Single	lbs.	7590	7990	8270	8740	9100	9370	9790	10100	10500	10700	11400(L)	-	-
445/50R22.5	Single	lbs.	6570	6940	7310	7680	8030	8390	8740	9090	9370	9780	10200(L)	-	-

LOW-PLATFORM TRAILER

Tire Size	PSI		70	75	80	85	90	95	100	105	110	115	120	125	130
8.25R15TR	Dual	lbs.	2700	2810	2930	3040	3150	3260	3360	3525(F)	3635	3745	3860(G)	-	-
	Single		2780	2930	3080	3200	3340	3470	3590	3750(F)	3860	3970	4080(G)	-	-
8.25R15TR	Dual	lbs.	3565	3770	3970	4165	4360	4555	4745	4935	5120	5305	5490	5675(J)	-
	Single		3775	3990	4205	4410	4620	4825	5025	5225	5425	5620	5815	6010(J)	-
10.00R15TR	Dual	lbs.	3660	3830	3980	4130	4300(F)	4470	4640	4805(G)	-	-	-	-	-
	Single		3780	3980	4170	4370	4540(F)	4715	4890	5070(G)	-	-	-	-	-
10.00R15TR	Dual	lbs.	4020	4245	4470	4695	4915	5130	5345	5560	5770	5980	6185	6395(J)	-
	Single		4365	4615	4855	5100	5335	5575	5805	6040	6265	6495	6720	6945(J)	-
215/75R17.5	Dual	lbs.	2855	3015	3175	3330	3490	3645	3795	3945	4095	4245	4390	4540(H)	-
	Single		3020	3190	3360	3525	3690	3855	4015	4175	4335	4490	4650	4805(H)	-
235/75R17.5	Dual	lbs.	3570	3770	3970	4170	4365	4560	4750	4940	5125	5310	5495	5680(H)	-
	Single		3770	3985	4195	4405	4610	4815	5015	5215	5415	5610	5805	6000(H)	-
245/70R17.5	Dual	lbs.	-	-	3970	4170	4365	4555	4745	4935	5125	5310	5495	5675(J)	-
	Single		-	-	4200	4410	4615	4820	5025	5225	5420	5620	5810	6005(J)	-
265/70R19.5	Dual	lbs.	-	-	3970	4170	4365	4555	4745	4935	5125	5310	5495	5675(J)	-
	Single		-	-	4200	4410	4615	4820	5025	5225	5420	5620	5810	6005(J)	-



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