

TOYO TIRES®

MEDIUM TRUCK TIRES



SUPER



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 – standard with every purchase.

ERIOR

A semi-truck with a trailer is shown on a road. The trailer has "TOYO TIRES" written on it. The word "ERIOR" is overlaid in large white letters across the middle of the image. The background is a blue-tinted landscape with a road and a horizon.

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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 TYPE
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 • City Bus
ON/OFF-ROAD	E Logging, oil fields where unimproved roads are the norm.	<ul style="list-style-type: none"> • Road Construction • Forestry • Mining
17.5 & 19.5	F Local haul, pickup, and delivery on medium duty vehicles.	<ul style="list-style-type: none"> • Small Box Trucks • Small Stake Bodies • Package Delivery

HIGH SPEED

LOW SPEED

HIGH MILES 1/32"

LOW MILES 1/32"

APPLICATION CHART

SMARTWAY & CARB TECHNOLOGIES

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

EPA SMARTWAY



 	M137™ EXTREME LONG-HAUL STEER TIRE
 	M144™ REGIONAL TO URBAN ALL-POSITION TIRE
 	M154™ LONG-HAUL, REGIONAL, URBAN DEEP ALL-POSITION TIRE
 	M157™ EXTREME LONG-HAUL TO REGIONAL FREE-ROLLING AXLE TIRE
 	M177™ LONG-HAUL STEER TIRE
 	M650™ REGIONAL AND URBAN DRIVE TIRE
 	M657™ EXTREME LONG, LONG, AND REGIONAL HAUL DRIVE TIRE
 	M677™ LONG AND REGIONAL HAUL DRIVE TIRE

THIS COMPANY MANUFACTURES:

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

As a result, we assist SmartWay partners with meeting their goals of energy efficiency and emissions reductions.

Learn more about...



WHAT IS SMARTWAY?

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

NEW 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.

The fuel-saving and/or emission-reducing benefits of our type of equipment has been verified by EPA's SmartWay program. SmartWay Certified Tractors and/or SmartWay Certified Trailers are equipped with verified technologies.

THE LONGEST WARRANTY

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.

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.

EXTREME LONG-HAUL (A)





PRO



VEIN

EXTREME LONG-HAUL (A)

EXTREME LONG-HAUL (A)

STEER	DRIVE		TRAILER
M137	M677	M154	M157
			
WHEEL POSITION STEER	WHEEL POSITION DRIVE	WHEEL POSITION DRIVE	WHEEL POSITION TRAILER
FUEL EFFICIENCY 5.0	FUEL EFFICIENCY 4.0	FUEL EFFICIENCY 4.0	FUEL EFFICIENCY 5.0
TREAD LIFE 5.0	TREAD LIFE 4.0	TREAD LIFE 5.0	TREAD LIFE 3.0
TRACTION 5.0	TRACTION 4.0	TRACTION 4.5	TRACTION 3.0
CUT & CHIP RESISTANCE 2.5	CUT & CHIP RESISTANCE 3.0	CUT & CHIP RESISTANCE 3.0	CUT & CHIP RESISTANCE 4.0
EPA SMARTWAY YES	EPA SMARTWAY YES	EPA SMARTWAY YES	EPA SMARTWAY YES
TREAD DEPTH 15/32" SIZES 11R22.5 G/14 295/75R22.5 G14 295/75R22.5 H16 11R24.5 G/14 285/75R24.5 G14 285/75R24.5 H16	TREAD DEPTH 28/32" SIZES 11R22.5 G/14 295/75R22.5 G14 11R24.5 G/14 285/75R24.5 G14	TREAD DEPTH 22/32" SIZES 11R22.5 G/14 11R22.5 H/16 295/75R22.5 G14 295/75R22.5 H16 11R24.5 G/14 11R24.5 H/16 285/75R24.5 G14	TREAD DEPTH 13/32" SIZES 11R22.5 G/14 295/75R22.5 G14 11R24.5 G/14 285/75R24.5 G14
COMPETITORS BRIDGESTONE R283A ECOPIA CONTINENTAL ECOPLUS HS3 GOODYEAR FUEL MAX LHS MICHELIN X LINE ENERGY Z YOKOHAMA 101ZL	COMPETITORS BRIDGESTONE M710 ECOPIA CONTINENTAL ECOPLUS HD3 GOODYEAR FUEL MAX LHD MICHELIN XDA ENERGY YOKOHAMA TY517	COMPETITORS BRIDGESTONE R268 CONTINENTAL HSR2 GOODYEAR FUEL MAX RSA MICHELIN XZE2 YOKOHAMA RY023	COMPETITORS BRIDGESTONE R197 ECOPIA CONTINENTAL HTL GOODYEAR FUEL MAX LHT MICHELIN X LINE ENERGY T YOKOHAMA RY587
POPULAR CHOICE	POPULAR CHOICE		POPULAR CHOICE

SIZE	LOAD RANGE / PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMARTWAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
295/75R22.5	G / 14	M137	547010	15/32	YES	R	-	S	39
295/75R22.5	G / 14	M677	558400	28/32	YES	-	R	-	56
295/75R22.5	G / 14	M154	548250	22/32	YES	-	R	-	44
295/75R22.5	G / 14	M157	541400	13/32	YES	S	-	R	45
295/75R22.5	H / 16	M137	547000	15/32	YES	R	-	S	39
295/75R22.5	H / 16	M154	548230	22/32	YES	-	R	-	44
11R22.5	G / 14	M137	547030	15/32	YES	R	-	S	39
11R22.5	G / 14	M677	558420	28/32	YES	-	R	-	56
11R22.5	G / 14	M154	548330	22/32	YES	-	R	-	44
11R22.5	G / 14	M157	541420	13/32	YES	S	-	R	45
11R22.5	H / 16	M154	548310	22/32	YES	-	R	-	44
285/75R24.5	G / 14	M137	547020	15/32	YES	R	-	S	39
285/75R24.5	G / 14	M677	558410	28/32	YES	-	R	-	56
285/75R24.5	G / 14	M154	548260	22/32	YES	-	R	-	44
285/75R24.5	G / 14	M157	541410	13/32	YES	S	-	R	45
285/75R24.5	H / 16	M137	547070	15/32	YES	R	-	S	39
11R24.5	G / 14	M137	547050	15/32	YES	R	-	S	39
11R24.5	G / 14	M677	558430	28/32	YES	-	R	-	56
11R24.5	G / 14	M154	548300	22/32	YES	-	R	-	44
11R24.5	G / 14	M157	541430	13/32	YES	S	-	R	45
11R24.5	H / 16	M154	548290	22/32	YES	-	R	-	44

"R" = Recommended, "S" = Suitable

EXTREME LONG-HAUL (A)

LONG-HAUL (B)

STEER

LONG-HAUL (B)

M137



WHEEL POSITION

STEER

FUEL EFFICIENCY **5.0**

TREAD LIFE **4.0**

TRACTION **4.0**

CUT & CHIP RESISTANCE **2.5**

EPA SMARTWAY

YES

TREAD DEPTH

15/32" SIZES

- 11R22.5 G/14
- 295/75R22.5 G14
- 295/75R22.5 H16
- 11R24.5 G/14
- 285/75R24.5 G14
- 285/75R24.5 H16

COMPETITORS

- BRIDGESTONE R283A ECOPIA
- CONTINENTAL ECOPLUS HS3
- GOODYEAR FUEL MAX LHS
- MICHELIN X LINE ENERGY Z
- YOKOHAMA 101ZL

POPULAR CHOICE

M177



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY **5.0**

TREAD LIFE **5.0**

TRACTION **5.0**

CUT & CHIP RESISTANCE **2.5**

EPA SMARTWAY

YES

TREAD DEPTH

18/32" SIZES

- 11R22.5 G/14
- 11R22.5 H/16
- 295/75R22.5 G14
- 295/75R22.5 H16
- 11R24.5 G/14
- 11R24.5 H/16
- 285/75R24.5 G14
- 285/75R24.5 H16

COMPETITORS

- BRIDGESTONE R283A ECOPIA
- CONTINENTAL ECOPLUS HS3
- GOODYEAR FUEL MAX LHS
- MICHELIN X LINE ENERGY Z
- YOKOHAMA 101ZL

POPULAR CHOICE

M144



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY **5.0**

TREAD LIFE **4.5**

TRACTION **4.0**

CUT & CHIP RESISTANCE **2.5**

EPA SMARTWAY

YES

TREAD DEPTH

19/32" SIZES

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

COMPETITORS

- BRIDGESTONE R249
- CONTINENTAL HA3
- MICHELIN XZA 2 ENERGY

DRIVE

M677



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 4.0

TREAD LIFE 4.0

TRACTION 4.0

CUT & CHIP RESISTANCE 3.0

EPA SMARTWAY

YES

TREAD DEPTH

28/32" SIZES

11R22.5 G/14
295/75R22.5 G14
11R24.5 G/14
285/75R24.5 G14

COMPETITORS

BRIDGESTONE M710
ECOPIA
CONTINENTAL ECOPLUS
HD3
GOODYEAR FUEL MAX LHD
MICHELIN XDA ENERGY
YOKOHAMA TY517

POPULAR CHOICE

M657



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 4.0

TREAD LIFE 4.0

TRACTION 4.0

CUT & CHIP RESISTANCE 3.0

EPA SMARTWAY

YES

TREAD DEPTH

28/32" SIZES

11R22.5 G/14
295/75R22.5 G14
11R24.5 G/14
285/75R24.5 G14

COMPETITORS

BRIDGESTONE M710
ECOPIA
CONTINENTAL ECOPLUS
HD3
GOODYEAR FUEL MAX LHD
MICHELIN XDA ENERGY
YOKOHAMA TY517

M154



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 5.0

TREAD LIFE 3.0

TRACTION 3.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

YES

TREAD DEPTH

19/32" SIZES

245/75R22.5 G14
265/75R22.5 G14

22/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G14
295/75R22.5 H16
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G14

COMPETITORS

BRIDGESTONE R268
CONTINENTAL HSR2
GOODYEAR FUEL MAX RSA
MICHELIN XZE2
YOKOHAMA RY023

M647



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 2.0

TREAD LIFE 5.0

TRACTION 4.5

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

NO

TREAD DEPTH

25/32" SIZES

255/70R22.5 H/16

30/32" SIZES

11R22.5 G/14
11R22.5 H/16
12R22.5 H/16
295/75R22.5 G14
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G14

COMPETITORS

BRIDGESTONE M726EL
CONTINENTAL HDL2 DL
GOODYEAR G572
MICHELIN XDA5+
YOKOHAMA TY577

M650



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 4.0

TREAD LIFE 2.0

TRACTION 5.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

YES

TREAD DEPTH

28/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G14

COMPETITORS

CONTINENTAL HDR2 ECO+

TRAILER

M157



WHEEL POSITION

TRAILER

FUEL EFFICIENCY **5.0**

TREAD LIFE **5.0**

TRACTION **3.0**

CUT & CHIP RESISTANCE **2.5**

EPA SMARTWAY

YES

TREAD DEPTH

13/32" SIZES

- 11R22.5 G/14
- 295/75R22.5 G14
- 11R24.5 G/14
- 285/75R24.5 G14

COMPETITORS

- BRIDGESTONE R197 ECOPIA
- CONTINENTAL ECOPLUS HT3
- GOODYEAR FUELMAX LHT
- MICHELIN X LINE ENERGY T
- YOKOHAMA RY587

POPULAR CHOICE

M122



WHEEL POSITION

TRAILER

FUEL EFFICIENCY **3.0**

TREAD LIFE **3.0**

TRACTION **3.5**

CUT & CHIP RESISTANCE **4.0**

EPA SMARTWAY

NO

TREAD DEPTH

17/32" SIZES

- 255/70R22.5 H/16
- 11R22.5 G/14
- 295/75R22.5 G14
- 11R24.5 G/14
- 285/75R24.5 G14

COMPETITORS

- BRIDGESTONE R196
- GOODYEAR G619
- MICHELIN XTE

M149



WHEEL POSITION

TRAILER

FUEL EFFICIENCY **3.0**

TREAD LIFE **3.0**

TRACTION **4.0**

CUT & CHIP RESISTANCE **3.5**

EPA SMARTWAY

NO

TREAD DEPTH

20/32" SIZES

- 385/65R22.5 L/20

COMPETITORS

- BRIDGESTONE R244
- CONTINENTAL HTR2
- MICHELIN XFE
- YOKOHAMA RY253

LONG-HAUL (B)

LONG-HAUL (B)

OUTLAST



SIZES

LONG-HAUL (B)

SIZE	LOAD RANGE / PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMARTWAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
245/75R22.5	G / 14	M154	548770	19/32	YES	S	R	S	44
255/70R22.5	H / 16	M122	548150	17/32	NO	S	S	R	38
255/70R22.5	H / 16	M647	558350	25/32	NO	-	R	-	53
265/75R22.5	G / 14	M154	548760	19/32	YES	S	R	S	44
295/75R22.5	G / 14	M137	547010	15/32	YES	R	-	S	39
295/75R22.5	G / 14	M177	547090	18/32	YES	R	S	S	47
295/75R22.5	G / 14	M154	548250	22/32	YES	-	R	-	44
295/75R22.5	G / 14	M647	558300	30/32	NO	-	R	-	53
295/75R22.5	G / 14	M650	558000	28/32	YES	-	R	-	54
295/75R22.5	G / 14	M157	541400	13/32	YES	S	-	R	45
295/75R22.5	H / 16	M137	547000	15/32	YES	R	-	S	39
295/75R22.5	H / 16	M177	547130	18/32	YES	R	S	S	47
295/75R22.5	H / 16	M154	548230	22/32	YES	-	R	-	44
295/80R22.5	H / 16	M144	548080	19/32	YES	R	S	S	41
305/70R22.5	L / 20	M144	548170	19/32	YES	R	S	S	41
315/80R22.5	L / 20	M144	548630	19/32	YES	R	S	S	41
11R22.5	G / 14	M137	547030	15/32	YES	R	-	S	39
11R22.5	G / 14	M177	547270	18/32	YES	R	S	S	47
11R22.5	G / 14	M154	558330	22/32	YES	-	R	-	44
11R22.5	G / 14	M647	558070	30/32	NO	-	R	-	53
11R22.5	G / 14	M650	558820	28/32	YES	-	R	-	54
11R22.5	G / 14	M157	541420	13/32	YES	S	-	R	45
11R22.5	H / 16	M177	547280	18/32	YES	R	S	S	47
11R22.5	H / 16	M154	548310	22/32	YES	-	R	-	44
11R22.5	H / 16	M647	558090	30/32	NO	-	R	-	53
11R22.5	H / 16	M650	558830	28/32	YES	-	R	-	54
12R22.5	H / 16	M647	558360	30/32	NO	-	R	-	53
285/75R24.5	G / 14	M137	547020	15/32	YES	R	-	S	39
285/75R24.5	G / 14	M177	547180	18/32	YES	R	S	S	47
285/75R24.5	G / 14	M154	548260	22/32	YES	-	R	-	44
285/75R24.5	G / 14	M647	558160	30/32	NO	-	R	-	53
285/75R24.5	G / 14	M157	541410	13/32	YES	S	-	R	45
285/75R24.5	H / 16	M137	547070	15/32	YES	R	-	S	39
285/75R24.5	H / 16	M177	547170	18/32	YES	R	S	S	47
11R24.5	G / 14	M137	547050	15/32	YES	R	-	S	39
11R24.5	G / 14	M177	547290	18/32	YES	R	S	S	47
11R24.5	G / 14	M154	548300	22/32	YES	-	R	-	44
11R24.5	G / 14	M647	558170	30/32	NO	-	R	-	53
11R24.5	G / 14	M157	541430	13/32	YES	S	-	R	45
11R24.5	H / 16	M177	547400	18/32	YES	R	S	S	47
11R24.5	H / 16	M154	548290	22/32	YES	-	R	-	44
11R24.5	H / 16	M647	558180	30/32	NO	-	R	-	53
385/65R22.5	L / 20	M149	562010	20/32	NO	-	-	R	42

"R" = Recommended, "S" = Suitable



LONG-HAUL (B)



REGIONAL (C)

STEER

REGIONAL (C)

M154



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 5.0

TRACTION 4.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

YES

TREAD DEPTH

19/32" SIZES

245/75R22.5 G14
265/75R22.5 G14

22/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G14
295/75R22.5 H16
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G14

COMPETITORS

BRIDGESTONE R268
ECOPIA
CONTINENTAL HSR2
GOODYEAR FUEL MAX RSA
MICHELIN XZE2
YOKOHAMA RY023

POPULAR CHOICE

M170



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 4.0

TRACTION 3.5

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

NO

TREAD DEPTH

19/32" SIZES

10R22.5 G14
11R22.5 H/16
295/75R22.5 H16
11R24.5 H/16
12R22.5 H16

COMPETITORS

BRIDGESTONE R268
ECOPIA
GOODYEAR FUEL MAX RSA
MICHELIN XZE2
YOKOHAMA 104ZR

M122



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 3.0

CUT & CHIP RESISTANCE 3.5

EPA SMARTWAY

NO

TREAD DEPTH

17/32" SIZES

11R22.5 G/14
295/75R22.5 G14
11R24.5 G/14
285/75R24.5 G14

COMPETITORS

BRIDGESTONE R268
ECOPIA
GOODYEAR FUEL MAX RSA
MICHELIN XZE2
YOKOHAMA 104ZR

M144



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 5.0

TREAD LIFE 4.5

TRACTION 4.0

CUT & CHIP RESISTANCE 2.5

EPA SMARTWAY

YES

TREAD DEPTH

19/32" SIZES

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

COMPETITORS

BRIDGESTONE R249
CONTINENTAL HSR2
MICHELIN XZE2+ & XZA1
YOKOHAMA 104ZR

M153



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 3.0

TREAD LIFE 4.0

TRACTION 3.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

NO

TREAD DEPTH

26/32" SIZES

315/80R22.5 L/20

COMPETITORS

BRIDGESTONE M860A
CONTINENTAL HSU2 WT
GOODYEAR ENDURANCE
WHA
MICHELIN XZUS2
YOKOHAMA MY627W

STEER

DRIVE

M149



M920



M647



M677



M657



WHEEL POSITION

STEER/ALL-POSITION

WHEEL POSITION

DRIVE

WHEEL POSITION

DRIVE

WHEEL POSITION

DRIVE

WHEEL POSITION

DRIVE

FUEL EFFICIENCY **3.0**

FUEL EFFICIENCY **2.5**

FUEL EFFICIENCY **2.5**

FUEL EFFICIENCY **2.5**

FUEL EFFICIENCY **4.0**

TREAD LIFE **3.0**

TREAD LIFE **3.5**

TREAD LIFE **5.0**

TREAD LIFE **5.0**

TREAD LIFE **4.0**

TRACTION **4.0**

TRACTION **3.5**

TRACTION **4.5**

TRACTION **4.5**

TRACTION **4.0**

CUT & CHIP RESISTANCE **3.5**

CUT & CHIP RESISTANCE **3.0**

CUT & CHIP RESISTANCE **3.5**

CUT & CHIP RESISTANCE **3.5**

CUT & CHIP RESISTANCE **3.0**

EPA SMARTWAY

NO

EPA SMARTWAY

NO

EPA SMARTWAY

NO

EPA SMARTWAY

YES

EPA SMARTWAY

YES

TREAD DEPTH

20/32" SIZES

385/65R22.5 L/20

TREAD DEPTH

25/32" 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

29/32" SIZES

315/80R22.5 L/20

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

12R22.5 H/16

TREAD DEPTH

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

TREAD DEPTH

28/32" SIZES

11R22.5 G/14

295/75R22.5 G14

11R24.5 G/14

285/75R24.5 G14

COMPETITORS

BRIDGESTONE R244
CONTINENTAL HTR2
MICHELIN XFE
YOKOHAMA RY253

COMPETITORS

BRIDGESTONE R729F
CONTINENTAL LD3
GOODYEAR G622
MICHELIN XDE2+

COMPETITORS

BRIDGESTONE M726
CONTINENTAL HDL2 DL
GOODYEAR G572
MICHELIN XDA5+
YOKOHAMA TY577

COMPETITORS

BRIDGESTONE M710
ECOPIA
CONTINENTAL ECOPLUS HD3
GOODYEAR FUEL MAX LHD
MICHELIN XDA ENERGY
YOKOHAMA TY517

COMPETITORS

BRIDGESTONE R268
ECOPIA
CONTINENTAL HDL ECO+
GOODYEAR FUEL MAK RSA
MICHELIN XDA ENERGY
YOKOHAMA RY023

POPULAR CHOICE

POPULAR CHOICE

DRIVE

TRAILER

M154



M650



M610



M157



M122



WHEEL POSITION

DRIVE

WHEEL POSITION

DRIVE

WHEEL POSITION

DRIVE

WHEEL POSITION

TRAILER

WHEEL POSITION

TRAILER

FUEL EFFICIENCY **5.0**

FUEL EFFICIENCY **4.0**

FUEL EFFICIENCY **1.0**

FUEL EFFICIENCY **5.0**

FUEL EFFICIENCY **3.0**

TREAD LIFE **3.0**

TREAD LIFE **2.0**

TREAD LIFE **2.0**

TREAD LIFE **5.0**

TREAD LIFE **3.0**

TRACTION **3.0**

TRACTION **5.0**

TRACTION **5.0**

TRACTION **4.5**

TRACTION **5.0**

CUT & CHIP RESISTANCE **4.0**

CUT & CHIP RESISTANCE **3.5**

CUT & CHIP RESISTANCE **4.5**

CUT & CHIP RESISTANCE **2.5**

CUT & CHIP RESISTANCE **4.0**

EPA SMARTWAY

YES

EPA SMARTWAY

YES

EPA SMARTWAY

NO

EPA SMARTWAY

YES

EPA SMARTWAY

NO

TREAD DEPTH

19/32" SIZES

245/75R22.5 G14

265/75R22.5 G14

22/32" SIZES

11R22.5 G/14

11R22.5 H/16

295/75R22.5 G14

295/75R22.5 H16

11R24.5 G/14

11R24.5 H/16

285/75R24.5 G14

TREAD DEPTH

28/32" SIZES

11R22.5 G/14

11R22.5 H/16

295/75R22.5 G14

COMPETITORS

CONTINENTAL HDR2 ECO+

TREAD DEPTH

28/32" SIZES

11R22.5 G/14

11R22.5 H/16

295/75R22.5 G14

11R24.5 G/14

11R24.5 H/16

285/75R24.5 G14

COMPETITORS

BRIDGESTONE M711

CONTINENTAL HDR1

GOODYEAR G622

MICHELIN XDE

YOKOHAMA SY767

TREAD DEPTH

13/32" SIZES

11R22.5 G/14

295/75R22.5 G14

11R24.5 G/14

285/75R24.5 G14

COMPETITORS

BRIDGESTONE R197

ECOPIA

CONTINENTAL HTL

GOODYEAR FUEL MAX LHT

MICHELIN X LINE ENERGY T

YOKOHAMA RY587

POPULAR CHOICE

REGIONAL (C)

REGIONAL (C)

RELIABLE



SIZES

REGIONAL (C)

SIZE	LOAD RANGE / PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMARTWAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
245/75R22.5	G / 14	M154	548770	19/32	YES	R	R	S	44
255/70R22.5	H / 16	M122	548150	17/32	NO	R	S	R	38
255/70R22.5	H / 16	M647	558350	25/32	NO	-	R	-	53
265/75R22.5	G / 14	M154	548760	19/32	YES	R	R	S	44
9R22.5	F / 12	M170	546030	17/32	NO	R	S	S	46
9R22.5	G / 14	M608	556000	19/32	NO	-	R	-	51
10R22.5	G / 14	M170	548350	19/32	NO	R	S	S	46
295/75R22.5	G / 14	M154	548250	22/32	YES	R	S	S	44
295/75R22.5	G / 14	M122	548000	17/32	NO	R	S	R	38
295/75R22.5	G / 14	M647	558300	30/32	NO	-	R	-	53
295/75R22.5	G / 14	M650	558000	28/32	YES	-	R	-	54
295/75R22.5	G / 14	M677	540070	28/32	-	-	-	-	56
295/75R22.5	G / 14	M610	556510	28/32	NO	-	R	-	52
295/75R22.5	G / 14	M157	541400	13/32	YES	-	-	R	45
295/75R22.5	H / 16	M154	548230	22/32	YES	R	S	S	44
295/75R22.5	H / 16	M170	546020	19/32	NO	R	S	S	46
295/80R22.5	H / 16	M144	548080	19/32	YES	R	S	S	41
305/70R22.5	L / 20	M144	548170	19/32	YES	R	S	S	41
315/80R22.5	L / 20	M144	548630	19/32	YES	R	S	S	41
315/80R22.5	L / 20	M153	500040	26/32	NO	R	S	S	43
11R22.5	G / 14	M154	548330	22/32	YES	R	S	S	44
11R22.5	G / 14	M122	548020	17/32	NO	R	S	R	38
11R22.5	G / 14	M647	558070	30/32	NO	-	R	-	53
11R22.5	G / 14	M650	558820	28/32	YES	-	R	-	54
11R22.5	G / 14	M677	540130	28/32	-	-	-	-	56
11R22.5	G / 14	M920	540100	27/32	-	-	-	-	-
11R22.5	G / 14	M610	556520	28/32	NO	-	R	-	52
11R22.5	G / 14	M157	541420	13/32	YES	-	-	R	45
11R22.5	H / 16	M154	548310	22/32	YES	R	S	S	44
11R22.5	H / 16	M170	546000	19/32	NO	R	S	S	46
11R22.5	H / 16	M647	558090	30/32	NO	-	R	-	53
11R22.5	H / 16	M920	540090	27/32	-	-	-	-	-
11R22.5	H / 16	M650	558830	28/32	YES	-	R	-	54
11R22.5	H / 16	M610	556530	28/32	NO	-	R	-	52
12R22.5	H / 16	M170	546310	19/32	NO	R	S	S	46
12R22.5	H / 16	M647	558360	30/32	NO	-	R	-	53
285/75R24.5	G / 14	M154	548260	22/32	YES	R	S	S	44
285/75R24.5	G / 14	M122	548030	17/32	NO	R	S	R	38
285/75R24.5	G / 14	M647	558160	30/32	NO	-	R	-	53
285/75R24.5	G / 14	M657	558410	28/32	YES	-	R	-	55
285/75R24.5	G / 14	M610	556500	28/32	NO	-	R	-	52
285/75R24.5	G / 14	M677	540110	28/32	-	-	-	-	56
285/75R24.5	G / 14	M920	540160	27/32	-	-	-	-	-
285/75R24.5	G / 14	M157	541410	13/32	YES	-	-	R	45
11R24.5	G / 14	M154	548300	22/32	YES	R	S	S	44
11R24.5	G / 14	M122	548010	17/32	NO	R	S	R	53
11R24.5	G / 14	M647	558170	30/32	NO	-	R	-	56
11R24.5	G / 14	M657	558430	28/32	YES	-	R	-	55
11R24.5	G / 14	M610	556460	28/32	NO	-	R	-	52
11R24.5	G / 14	M157	541430	13/32	YES	-	-	R	45
11R24.5	H / 16	M154	548290	22/32	YES	R	S	S	44
11R24.5	H / 16	M170	546010	19/32	NO	R	S	S	46
11R24.5	H / 16	M647	558180	30/32	NO	-	R	-	53
11R24.5	H / 16	M610	556470	28/32	NO	-	R	-	52
11R24.5	H / 16	M920	540140	27/32	-	-	-	-	-
385/65R22.5	L / 20	M149	562010	20/32	NO	R	S	S	42

"R" = Recommended, "S" = Suitable



REGIONAL (C)



URBAN (D)

STEER

URBAN (D)

M154



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 5.0

TRACTION 4.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

YES

TREAD DEPTH

19/32" SIZES

245/75R22.5 G14
265/75R22.5 G14

22/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G14
295/75R22.5 H16
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G14

COMPETITORS

BRIDGESTONE R268
ECOPIA
CONTINENTAL HSR2
GOODYEAR FUEL MAX RSA
MICHELIN XZE2
YOKOHAMA RY023

POPULAR CHOICE

M170



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 4.5

TREAD LIFE 5.0

TRACTION 4.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

NO

TREAD DEPTH

19/32" SIZES

10R22.5 G14
11R22.5 H/16
295/75R22.5 H16
11R24.5 H/16
12R22.5 H16

COMPETITORS

BRIDGESTONE R268
ECOPIA
GOODYEAR FUEL MAX RSA
MICHELIN XZE2
YOKOHAMA 104ZR

M144



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 5.0

TREAD LIFE 4.5

TRACTION 4.0

CUT & CHIP RESISTANCE 2.5

EPA SMARTWAY

YES

TREAD DEPTH

19/32" SIZES

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

COMPETITORS

BRIDGESTONE R249
MICHELIN XZA2 ENERGY
YOKOHAMA 104ZR

M122



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 3.0

CUT & CHIP RESISTANCE 3.5

EPA SMARTWAY

NO

TREAD DEPTH

17/32" SIZES

255/70R22.5 H/16
11R22.5 G/14
295/75R22.5 G14
11R24.5 G/14
285/75R24.5 G14

COMPETITORS

BRIDGESTONE R196
GOODYEAR ENDURANCE
RSA
MICHELIN XZE

M320



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 2.5

TREAD LIFE 3.0

TRACTION 3.5

CUT & CHIP RESISTANCE 5.0

EPA SMARTWAY

NO

TREAD DEPTH

23/32" SIZES

11R22.5 H/16
11R24.5 H/16
12R22.5 H16
315/80R22.5 L/20

COMPETITORS

BRIDGESTONE M853
CONTINENTAL HSC1
GOODYEAR G751 MSA
MICHELIN X WORKS Z

STEER

M320 WB



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 2.0

TREAD LIFE 2.0

TRACTION 4.0

CUT & CHIP RESISTANCE 5.0

EPA SMARTWAY

NO

TREAD DEPTH

22/32" SIZES

385/65R22.5 J/18

23/32" SIZES

425/65R22.5 L/20

COMPETITORS

BRIDGESTONE M854
CONTINENTAL HTC1
GOODYEAR G296
MICHELIN X WORKS Z
YOKOHAMA MY507A

M153



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 2.5

TREAD LIFE 4.0

TRACTION 3.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

NO

TREAD DEPTH

26/32" SIZES

315/80R22.5 L/20

COMPETITORS

BRIDGESTONE M860
CONTINENTAL HSU2
GOODYEAR G751 MSA
MICHELIN XZUS2
YOKOHAMA MY627W

M149



WHEEL POSITION

STEER/ALL-POSITION

FUEL EFFICIENCY 3.0

TREAD LIFE 3.0

TRACTION 4.0

CUT & CHIP RESISTANCE 3.5

EPA SMARTWAY

NO

TREAD DEPTH

20/32" SIZES

385/65R22.5 L/20

425/65R22.5 L/20

COMPETITORS

BRIDGESTONE R244
CONTINENTAL HTR2
MICHELIN XFE
YOKOHAMA RY253

DRIVE

M650



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 4.0

TREAD LIFE 2.0

TRACTION 5.0

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

YES

TREAD DEPTH

28/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G14

COMPETITORS

CONTINENTAL HDR2 ECO+

POPULAR CHOICE

M647



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 2.5

TREAD LIFE 5.0

TRACTION 4.5

CUT & CHIP RESISTANCE 4.0

EPA SMARTWAY

NO

TREAD DEPTH

25/32" SIZES

255/70R22.5 H/16

30/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G14
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G14
12R22.5 H/16

COMPETITORS

BRIDGESTONE M726EL
CONTINENTAL HDL2 DL
GOODYEAR G572
MICHELIN XDA5+
YOKOHAMA TY577

M610ZL



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 2.0

TREAD LIFE 2.0

TRACTION 5.0

CUT & CHIP RESISTANCE 4.5

EPA SMARTWAY

NO

TREAD DEPTH

28/32" SIZES

11R22.5 G/14
11R22.5 H/16
295/75R22.5 G14
11R24.5 G/14
11R24.5 H/16
285/75R24.5 G14

COMPETITORS

BRIDGESTONE M711
CONTINENTAL HDR1
GOODYEAR G622
MICHELIN XDE
YOKOHAMA SY767

M506



WHEEL POSITION

DRIVE

FUEL EFFICIENCY 1.0

TREAD LIFE 2.0

TRACTION 5.0

CUT & CHIP RESISTANCE 5.0

EPA SMARTWAY

NO

TREAD DEPTH

30/32" SIZES

11R22.5 H/16
11R24.5 H/16

COMPETITORS

BRIDGESTONE L320
CONTINENTAL HDC1
GOODYEAR ARMOR MAX
MSD
MICHELIN X WORKS XDY
YOKOHAMA LY053

URBAN (D)

URBAN (D)

INVINCIBLE



SIZES

URBAN (D)

SIZE	LOAD RANGE / PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	SMARTWAY	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
245/75R22.5	G / 14	M154	548770	19/32	YES	R	S	S	44
255/70R22.5	G / 14	M122	548150	17/32	NO	R	S	R	38
255/70R22.5	H / 16	M647	558350	25/32	NO	-	R	-	53
265/70R22.5	G / 14	M154	548760	19/32	YES	R	S	S	44
9R22.5	F / 12	M170	546030	17/32	NO	R	S	S	46
9R22.5	G / 14	M608	556000	19/32	NO	-	R	-	51
10R22.5	G / 14	M170	548350	19/32	NO	R	S	S	46
295/75R22.5	G / 14	M154	548250	22/32	YES	R	S	S	44
295/75R22.5	G / 14	M122	548000	17/32	NO	R	S	S	38
295/75R22.5	G / 14	M650	558000	28/32	YES	-	R	-	54
295/75R22.5	G / 14	M647	558300	30/32	NO	-	R	-	53
295/75R22.5	G / 14	M610	556510	28/32	NO	-	R	-	52
295/75R22.5	H / 16	M610	548230	22/32	YES	R	S	S	52
295/75R22.5	H / 16	M170	546020	19/32	NO	R	S	S	46
295/80R22.5	H / 16	M144	548080	19/32	YES	R	S	S	41
305/70R22.5	J / 20	M144	548170	19/32	YES	R	S	S	41
315/80R22.5	J / 20	M144	548630	19/32	YES	R	S	S	41
315/80R22.5	J / 20	M320	549050	23/32	NO	R	S	S	48
315/80R22.5	J / 20	M153	500040	26/32	NO	R	S	S	43
11R22.5	G / 14	M154	548330	22/32	YES	R	S	S	44
11R22.5	G / 14	M122	548020	17/32	NO	R	S	S	38
11R22.5	G / 14	M650	558820	28/32	YES	-	R	-	54
11R22.5	G / 14	M647	558070	30/32	NO	-	R	-	53
11R22.5	G / 14	M610	556520	28/32	NO	-	R	-	52
11R22.5	H / 16	M610	548310	22/32	YES	R	S	S	52
11R22.5	H / 16	M170	546000	19/32	NO	R	S	S	46
11R22.5	H / 16	M320	549010	23/32	NO	R	S	S	48
11R22.5	H / 16	M650	558830	28/32	YES	-	R	-	54
11R22.5	H / 16	M647	558090	30/32	NO	-	R	-	53
11R22.5	H / 16	M610	556530	28/32	NO	-	R	-	52
11R22.5	H / 16	M610	549280	30/32	NO	-	R	-	52
12R22.5	H / 16	M170	546310	19/32	NO	R	S	S	46
12R22.5	H / 16	M320	549060	23/32	NO	R	S	S	48
12R22.5	H / 16	M647	558360	30/32	NO	-	R	-	53
285/75R24.5	G / 14	M154	548260	22/32	YES	R	S	S	44
285/75R24.5	G / 14	M122	548030	17/32	NO	R	S	S	38
285/75R24.5	G / 14	M647	558160	30/32	NO	-	R	-	53
285/75R24.5	G / 14	M610	556500	28/32	NO	-	R	-	52
11R24.5	G / 14	M610	548300	22/32	YES	R	S	S	52
11R24.5	G / 14	M122	548010	17/32	NO	R	S	S	38
11R24.5	G / 14	M647	558170	30/32	NO	-	R	-	53
11R24.5	G / 14	M610	556460	28/32	NO	-	R	-	52
11R24.5	H / 16	M610	548290	22/32	YES	R	S	S	52
11R24.5	H / 16	M170	546010	19/32	NO	R	S	S	46
11R24.5	H / 16	M647	558180	30/32	NO	-	R	-	53
11R24.5	H / 16	M320	549020	23/32	NO	R	S	S	48
11R24.5	H / 16	M610	556470	28/32	NO	-	R	-	52
11R24.5	H / 16	M610	549300	30/32	NO	-	R	-	52
385/65R22.5	I / 18	M320 WB	549070	22/32	NO	R	S	S	48
385/65R22.5	J / 20	M149	562010	20/32	NO	R	S	S	42
425/65R22.5	J / 20	M320 WB	549090	23/32	NO	R	S	S	48
425/65R22.5	L / 20	M149	562090	21/32	NO	R	S	S	42

"R" = Recommended, "S" = Suitable



URBAN (D)

ON / OFF-ROAD (E)







RELEEN

A blue-tinted photograph of a semi-truck on a dirt road. The truck is the central focus, showing its front and side. It has a prominent vertical exhaust stack and multiple headlights. The truck is parked on a dirt surface, and the background shows a hazy, mountainous landscape. Overlaid on the image is the word "TITLESS" in large, bold, white, sans-serif capital letters. The text is positioned across the middle of the image, partially obscuring the truck's body and wheels.

TITLESS

ON / OFF-ROAD (E)

ON / OFF-ROAD (E)

STEER		DRIVE	
M320	M320 WB	M506	M503
			
WHEEL POSITION STEER/ALL-POSITION	WHEEL POSITION STEER/ALL-POSITION	WHEEL POSITION DRIVE	WHEEL POSITION DRIVE
FUEL EFFICIENCY 3.0	FUEL EFFICIENCY 1.0	FUEL EFFICIENCY 2.0	FUEL EFFICIENCY 3.0
TREAD LIFE 3.0	TREAD LIFE 2.0	TREAD LIFE 4.0	TREAD LIFE 2.0
TRACTION 3.5	TRACTION 4.0	TRACTION 4.0	TRACTION 4.5
CUT & CHIP RESISTANCE 5.0	CUT & CHIP RESISTANCE 5.0	CUT & CHIP RESISTANCE 5.0	CUT & CHIP RESISTANCE 5.0
EPA SMARTWAY NO	EPA SMARTWAY NO	EPA SMARTWAY NO	EPA SMARTWAY NO
TREAD DEPTH 23/32" SIZES 11R22.5 H/16 11R24.5 H/16 12R22.5 H/16 315/80R22.5 L/20	TREAD DEPTH 22/32" SIZES 385/65R22.5 J/18 23/32" SIZES 425/65R22.5 L/20	TREAD DEPTH 30/32" SIZES 11R22.5 H/16 11R24.5 H/16	TREAD DEPTH 26/32" SIZES 11R22.5 H/16 11R24.5 H/16
COMPETITORS BRIDGESTONE M853 CONTINENTAL HSC1 GOODYEAR G751 MSA MICHELIN X WORKS Z YOKOHAMA MY507	COMPETITORS BRIDGESTONE M854 CONTINENTAL HTC1 GOODYEAR G296 MICHELIN X WORKS Z YOKOHAMA MY507A	COMPETITORS BRIDGESTONE L320 CONTINENTAL HDC1 GOODYEAR ARMOR MAX MSD MICHELIN X WORKS XDY YOKOHAMA LY053	COMPETITORS BRIDGESTONE L320 GOODYEAR G282 MICHELIN XDY3
POPULAR CHOICE		POPULAR CHOICE	

SIZE	LOAD RANGE / PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	STEER POSITION	DRIVE POSITION	PAGE
315/80R22.5	J / 20	M320	549050	23/32	R	S	48
11R22.5	H / 16	M320	549010	23/32	R	S	48
11R22.5	H / 16	M506	549280	30/32	-	R	50
11R22.5	H / 16	M503	549100	26/32	-	R	49
12R22.5	H / 16	M320	549060	23/32	R	S	48
11R24.5	H / 16	M320	549020	23/32	R	S	48
11R24.5	H / 16	M506	549300	30/32	-	R	50
11R24.5	H / 16	M503	549120	26/32	-	R	49
385/65R22.5	I / 18	M320 WB	549070	22/32	R	S	48
425/65R22.5	J / 20	M320 WB	549090	23/32	R	S	48

"R" = Recommended, "S" = Suitable

ON / OFF-ROAD (E)

17.5 & 19.5 (F)

MING


A blue-tinted photograph of a white pickup truck with a car on its bed. The truck is parked on a wooden surface. The word 'MING' is overlaid in large, bold, white capital letters across the center of the image. The background is a clear blue sky.



FIFTY

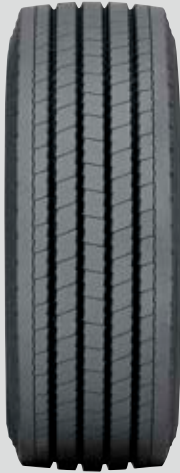
17.5 & 19.5 (F)

17.5 & 19.5 (F)

STEER		DRIVE		
M143	M120	M154	M920	M608
				
WHEEL POSITION STEER/ALL-POSITION	WHEEL POSITION STEER/ALL-POSITION	WHEEL POSITION DRIVE	WHEEL POSITION DRIVE	WHEEL POSITION DRIVE
FUEL EFFICIENCY 4.0	FUEL EFFICIENCY 3.0	FUEL EFFICIENCY 4.0	FUEL EFFICIENCY 2.5	FUEL EFFICIENCY 2.0
TREAD LIFE 4.0	TREAD LIFE 3.0	TREAD LIFE 5.0	TREAD LIFE 3.5	TREAD LIFE 2.5
TRACTION 2.5	TRACTION 2.0	TRACTION 4.5	TRACTION 3.5	TRACTION 4.0
CUT & CHIP RESISTANCE 2.5	CUT & CHIP RESISTANCE 2.5	CUT & CHIP RESISTANCE 3.0	CUT & CHIP RESISTANCE 3.0	CUT & CHIP RESISTANCE 4.0
EPA SMARTWAY NO	EPA SMARTWAY NO	EPA SMARTWAY YES	EPA SMARTWAY NO	EPA SMARTWAY NO
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	TREAD DEPTH 15/32" SIZES 8R19.5 F/12	TREAD DEPTH 19/32" SIZES 245/75R22.5 G14 265/75R22.5 G14	TREAD DEPTH 21/32" SIZES 225/70R19.5 G/14 23/32" SIZES 245/70R19.5 H/16	TREAD DEPTH 19/32" SIZES 215/75R17.5 F/12 245/70R19.5 G/14 20/32" SIZES 225/70R19.5 F/12 225/70R19.5 G/14 21/32" SIZES 285/70R19.5 H/16
COMPETITORS BRIDGESTONE R250F CONTINENTAL HSR1 GOODYEAR ENDURANCE RSA MICHELIN XZE YOKOHAMA RY023	COMPETITORS GOODYEAR G647	COMPETITORS BRIDGESTONE R268 CONTINENTAL HSR2 GOODYEAR FUEL MAX RSA MICHELIN XZE2 YOKOHAMA RY023	COMPETITORS BRIDGESTONE R729F GOODYEAR G622 MICHELIN XDS2	COMPETITORS BRIDGESTONE M729F CONTINENTAL HDR GOODYEAR G622 MICHELIN XDS2 YOKOHAMA TY303
POPULAR CHOICE			POPULAR CHOICE	

TRAILER

M1430



WHEEL POSITION

TRAILER

FUEL EFFICIENCY **3.0**

TREAD LIFE **4.0**

TRACTION **2.0**

CUT & CHIP RESISTANCE **2.5**

EPA SMARTWAY

NO

TREAD DEPTH

15/32" SIZES

215/75R17.5 H/16

235/75R17.5 J/18

16/32" SIZES

245/70R17.5 J/18

COMPETITORS

BRIDGESTONE M895
CONTINENTAL HTR1
MICHELIN X ENERGY T
YOKOHAMA RY103

POPULAR CHOICE

17.5

LONG-HAUL (B)

SIZE	LOAD RANGE / PLY RATING	PATTERN	PRODUCT CODE	TREAD DEPTH (1/32")	STEER POSITION	DRIVE POSITION	TRAILER POSITION	PAGE
215/75R17.5	F / 12	M608	316080	19/21	-	R	-	51
215/75R17.5	G / 14	M143	306100	16/32	R	S	S	40
215/75R17.5	H / 16	M1430	520500	15/32	-	-	R	59
235/75R17.5	J / 18	M1430	520540	15/32	-	-	R	59
245/70R17.5	J / 18	M1430	520530	16/32	-	-	R	59

REGIONAL (C)

URBAN (D)

19.5

LONG-HAUL (B)

225/70R19.5	F / 12	M143	562060	16/32	R	S	S	40
225/70R19.5	F / 12	M608	556230	20/32	-	R	-	51
225/70R19.5	G / 14	M143	562050	16/32	R	S	S	40
225/70R19.5	G / 14	M154	548860	17/32	-	-	-	44
225/70R19.5	G / 14	M920	540040	21/32	-	R	-	57
225/70R19.5	G / 14	M608	556170	20/32	-	R	-	51
245/70R19.5	G / 14	M608	562030	19/32	-	R	-	51
245/70R19.5	H / 16	M143	562020	16/32	R	S	S	40
245/70R19.5	H / 16	M920	540050	23/32	-	R	-	57
245/70R19.5	H / 16	M154	548840	18/32	-	-	-	44
265/70R19.5	G / 14	M143	562110	16/32	R	S	S	40
265/70R19.5	G / 14	M608	556190	20/32	-	R	-	51
285/70R19.5	H / 16	M143	562120	17/32	R	S	S	40
285/70R19.5	H / 16	M608	556120	21/32	-	R	-	51

REGIONAL (C)

URBAN (D)

8R19.5	F / 12	M120	547500	15/32	R	S	S	37
225/70R19.5	F / 12	M143	562150	16/32	R	S	S	40
225/70R19.5	F / 12	M608	556070	20/32	-	R	-	51
225/70R19.5	G / 14	M143	562140	16/32	R	S	S	40
225/70R19.5	G / 14	M920	540040	21/32	-	R	-	57
225/70R19.5	G / 14	M154	548860	17/32	-	-	-	44
225/70R19.5	G / 14	M608	556100	20/32	-	R	-	51
245/70R19.5	G / 14	M608	556040	19/32	-	R	-	51
245/70R19.5	H / 16	M143	562100	16/32	R	S	S	40
245/70R19.5	H / 16	M920	540050	23/32	-	R	-	57
245/70R19.5	H / 16	M154	548840	18/32	-	-	-	44
265/70R19.5	G / 14	M143	562110	16/32	R	S	S	40
265/70R19.5	G / 14	M608	556190	20/32	-	R	-	51
285/70R19.5	H / 16	M143	562120	17/32	R	S	S	40
285/70R19.5	H / 16	M608	556120	21/32	-	R	-	51

"R" = Recommended, "S" = Suitable

17.5 & 19.5 (F)

REGIONAL ALL-POSITION TIRE

The M120 is a four-belt, all-position tire designed for regional to urban delivery in stop-and-go situations. The unique five-rib, four-groove design with 15/32" of tread depth provides long, even wear to meet demanding pickup and delivery operations.

M120

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

LONG SERVICE LIFE

- DSOC II™ technology optimizes footprint design for even wear and long life.
- Wide five-rib pattern with a solid outer rib and 15/32" tread depth combine for long, even wear.

HIGH DURABILITY

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

EXCELLENT PERFORMANCE AND SAFETY

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



WHEEL DIA.	TIRE SIZE	LOAD RANGE/ PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
19.5	8R19.5	F / 12	547500	75	(6.0)	62	15	33.7	8.0	15.7	3525	3305	110	110	616

*F" = 12-ply rating, "G" = 14-ply rating, "H" = 16-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

REGIONAL TO URBAN 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	STEER, DRIVE
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 and 17/32" tread depth 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.



M122

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MM. SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED RADIUS (IN.)	MAX. LOAD (LBS.) SINGLE	MAX. LOAD (LBS.) DUAL	MAX. PRESSURE (PSI) SINGLE	MAX. PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G / 14	548020	75	7.5-(8.25)	115	16.5	41.3	11.1	19.1	6175	5840	105	105	503	503
	255/70R22.5	H / 16	548150	75	(7.50)-8.25	88	17.0	36.6	9.9	16.8	5510	5070	120	120	567	567
	295/75R22.5	G / 14	548000	75	8.25-(9.00)	106	17.0	40.0	11.1	18.6	6175	5675	110	110	518	518
24.5	11R24.5	G / 14	548010	75	7.5-(8.25)	121	17.0	43.3	11.1	20.1	6610	6005	105	105	480	480
	285/75R24.5	G / 14	548030	75	(8.25)	109	16.5	41.1	10.8	19.1	6175	5675	110	110	505	505

EXTREME LONG-HAUL STEER TIRE

The M137 is a steer tire designed for operations running 15,000 to 20,000 miles per month, where steer tires are typically pulled prematurely due to irregular wear. The high miles per 32nd with minimized irregular wear results in maximum removal mileage. 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



M137

MAXIMUM REMOVAL MILES

- Optimized 15/32" tread depth with top DG 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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED RADIUS (IN.)*	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G / 14	547030	144/142L	7.50-(8.25)	112	14.6	41.1	11.1	19.1	6175	5840	105	105	505	505
	295/75R22.5	H / 16	547000	146/143L	8.25-(9.00)	109	14.6	40.0	11.1	18.1	6610	6005	120	120	520	519
	295/75R22.5	G / 14	547010	144/141L	(8.25)-9.0	108	15.0	40.0	11.1	18.6	6175	5675	110	110	519	520
24.5	11R24.5	G / 14	547050	146/143L	7.50-(8.25)	120	14.6	43.1	11.1	20.0	6610	6005	105	105	482	482
	285/75R24.5	G / 14	547020	144/141L	(8.25)	111	15.0	41.1	11.1	19.1	6175	5675	110	110	505	505
	285/75R24.5	H / 16	547070	147/144L	(8.25)	115	14.6	41.1	10.8	18.7	6780	6175	120	120	506	506

*F = 12-ply rating, "G" = 14-ply rating, "H" = 16-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

REGIONAL TO URBAN 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
LONG-HAUL	STEER	DRIVE, TRAILER
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.



M143

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
17.5	215/75R17.5	G / 14	306100	81	(6.00)-6.75	58	16.0	30.6	8.3	14.2	3750	3530	105	105	679
	225/70R19.5	F / 12	562150	75	(6.00)-6.75	70	16.4	32.1	8.3	14.9	3640	3415	95	95	647
	225/70R19.5	F / 12	562060	87	(6.00)-6.75	66	16.4	32.1	8.3	14.7	3640	3415	95	95	647
	225/70R19.5	G / 14	562050	87	(6.00)-6.75	66	16.4	32.1	8.3	14.7	3970	3750	110	110	647
	245/70R19.5	H / 16	562020	87	6.75-(7.50)	77	15.7	33.2	9.6	15.1	4805	4540	120	120	626
	265/70R19.5	G / 14	562070	81	6.75-(7.5)-8.25	87	16.0	34.3	10.0	15.9	5510	5205	110	110	605
	285/70R19.5	H / 16	562120	81	7.5-(8.25)-9.0	95	17.0	35.1	10.8	16.3	6395	6005	125	125	590

REGIONAL TO URBAN 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
LONG-HAUL	STEER	DRIVE, TRAILER
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER



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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	295/80R22.5	H / 16	548080	81	8.25- (9.00)	128	18.9	41.5	11.9	19.3	7830	6940	125	125	501
	305/70R22.5	L / 20	548170	75	8.25- (9.00)	138	18.8	39.5	12.1	17.9	7830	7390	130	130	526
	315/80R22.5	L / 20	548630	75	(9.00) -9.75	147	18.9	42.6	12.3	19.8	9090	8270	130	130	487

*H = 16-ply rating, "L" = 20-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

REGIONAL TO 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 long-haul 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
LONG-HAUL	TRAILER	-
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.



M149

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	385/65R22.5	L / 20	562010	68	(11.75)-12.25	167	20.0	42.5	14.8	19.8	9920	-	130	-	489	489
	425/65R22.5	L / 20	562090	68	11.75-(12.25)-13.00	191	20.9	44.7	16.3	19.9	11400	-	120	-	464	

REGIONAL AND URBAN STEER TIRE

The M153 is an extra-deep 26/32" regional and urban heavy-duty steer tire optimized for extremely high-scrub applications, where 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.

M153

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 26/32" 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.

EXCEPTIONAL 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, while 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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE/ PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	315/80R22.5	L/20	500040	68	(9.00) -9.75	168	26	43.0	12.3	19.2	13.4	10000	9090	130	130	484

*G = 14-ply rating, "H" = 16-ply rating, "L" = 20-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

LONG HAUL, REGIONAL, AND URBAN DEEP ALL-POSITION TIRE

The M154 is a deep all-position tire designed for regional and urban service in the highest-scrub environments, where 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 up to 22/32" 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
EXTREME LONG-HAUL	DRIVE	-
LONG-HAUL	DRIVE	-
REGIONAL	STEER	DRIVE, TRAILER
URBAN	STEER	DRIVE, TRAILER



M154

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.

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOAD WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
19.5	225/70R19.5	G / 14	548860	87	(6.00) -6.75	73	16.6	32.1	8.3	14.7	3970	3750	110	110	647
	245/70R19.5	H / 16	548840	87	6.75- (7.50)	81	17.6	33.3	9.6	15.1	4940	4675	120	120	624
	11R22.5	H / 16	548310	75	7.50- (8.25)	124	22.0	41.5	11.1	18.7	6610	6005	120	120	500
22.5	11R22.5	G / 14	548330	75	7.50- (8.25)	122	22.0	41.5	11.1	18.7	6175	5840	105	105	500
	245/75R22.5	G / 14	548770	75	6.75- (7.50)	89	18.9	37.0	9.5	17.2	4675	4300	110	110	561
	265/75R22.5	G / 14	548760	75	(7.50) -8.25	99	18.9	38.4	10.0	17.9	5205	4805	110	110	540
	295/75R22.5	H / 16	548230	75	(8.25) -9.00	119	22.0	40.4	11.1	18.2	6610	6005	120	120	514
	295/75R22.5	G / 14	548250	75	(8.25) -9.00	118	22.0	40.4	11.1	18.2	6175	5675	110	110	514
24.5	11R24.5	H / 16	548290	75	7.50- (8.25)	132	22.0	43.5	11.1	19.7	7160	6610	120	120	477
	11R24.5	G / 14	548300	75	7.50- (8.25)	131	22.0	43.5	11.1	19.7	6610	6005	105	105	477
	285/75R24.5	G / 14	548260	75	(8.25)	120	22.0	41.5	10.8	18.9	6175	5675	110	110	501
	285/75R24.5	G / 14	548710	75	(8.25)	120	22.0	41.5	10.8	19.3	6175	5675	110	110	501

EXTREME LONG-HAUL TO REGIONAL FREE-ROLLING AXLE TIRE

The M157 is a free-rolling axle tire designed for operations running high miles per 32nd, where 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 mileage. 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	-



M157

MAXIMUM REMOVAL MILES

- Optimized 13/32" tread depth with top DG 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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G/14	541420	75	7.50-(8.25)	107	13	41.0	11.1	19.1	12.1	6175	5840	105	105	506
	295/75R22.5	G/14	541400	75	8.25-(9.00)	99	13	39.8	11.1	18.5	12.1	6175	5675	110	110	521
24.5	11R24.5	G/14	541430	75	7.50-(8.25)	112	13	43.0	11.1	20.0	12.1	6610	6005	105	105	482
	285/75R24.5	G/14	541410	75	(8.25)	104	13	41.0	10.8	19.1	11.7	6175	5675	110	110	506

*F" = 12-ply rating, "G" = 14-ply rating, "H" = 16-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

REGIONAL AND URBAN STEER TIRE

The M170 steer tire is designed for demanding regional and urban operations, where tread wear is the primary reason for tire removal. Excellent even wear in miles per 32nd with a deep 19/32" tread depth results in maximum removal mileage. 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



M170

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.

HIGH FUEL EFFICIENCY

- Low-rolling-resistance construction minimizes fuel consumption.

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.

WHEEL DIA.	TIRE SIZE	LOAD RANGE/ PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	10R22.5	G/14	548350	75	6.75-(7.50)-8.25	99	19	40.0	10.0	18.1	10.9	5675	5355	115	115	519
	11R22.5	H/16	546000	75	7.50-(8.25)	116	19	41.3	11.1	16.1	12.1	6610	6005	120	120	503
	12R22.5	H/16	546310	75	8.25-(9.00)	132	19	42.4	12.4	19.7	13.4	7390	6780	120	120	490
	295/75R22.5	H/16	546020	75	(8.25)-9.00	119	19	40.2	11.1	18.1	12.1	7160	6610	125	125	517
24.5	9R22.5	F/12	546030	75	6.00-(6.75)-7.50	86	17	38.2	9.1	17.8	9.9	4540	4300	105	105	544
	11R24.5	H/16	546010	75	7.50-(8.25)	133	19	43.4	11.1	19.6	12.1	7160	6610	120	120	479

LONG-HAUL STEER TIRE

The M177 is a deep 18/32" steer tire designed for long-haul operations. The excellent wear in miles per 32nd with minimized irregular wear, combined with the deep 18/32" tread depth, results in maximum removal mileage. This, combined with excellent fuel efficiency and a competitive acquisition point, results in a lower cost per mile, making the M177 a leading value alternative steer tire for long-haul applications.

APPLICATION	RECOMMENDED	SUITABLE
LONG-HAUL	STEER	DRIVE, TRAILER



M177

MAXIMUM REMOVAL MILES

- High miles per 32nd due to an improved footprint, with top DG that minimizes irregular wear and a deep 18/32" tread for improved mileage.

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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED WIDTH (IN.)*	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G/14	547270	75	7.50-(8.25)	108	18	41.3	11.1	18.6	12.1	6175	5840	105	105	503
	11R22.5	H/16	547280	75	7.50-(8.25)	108	18	41.3	11.1	18.6	12.1	6610	6005	120	120	503
	295/75R22.5	G/14	547090	75	8.25-(9.00)	114	18	40.1	11.5	18.1	12.5	6175	5675	110	110	518
	295/75R22.5	H/16	547130	75	8.25-(9.00)	114	18	40.1	11.5	18.1	12.5	7160	6610	125	125	518
24.5	11R24.5	G/14	547290	75	7.50-(8.25)	121	18	43.3	11.1	19.6	12.1	6610	6005	105	105	480
	11R24.5	H/16	547400	75	7.50-(8.25)	121	18	43.3	11.1	19.6	12.1	7160	6610	120	120	480
	285/75R24.5	G/14	547180	75	(8.25)	114	18	41.4	10.9	18.8	11.8	6175	5675	110	110	502
	285/75R24.5	H/16	547170	75	(8.25)	114	18	41.4	10.9	18.8	11.8	6780	6175	120	120	502

*G" = 14-ply rating, "H" = 16-ply rating, "J" = 18-ply rating, "L" = 20-ply rating. Bold designates measuring rim width. *Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

ON/OFF-ROAD HIGHWAY TIRE

The M320 is an even-wearing, on/off-road highway 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 is available in standard and wide-base sizes. It 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	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.



M320 / WB

	WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	RETS PER MILE
M320	22.5	11R22.5	H/16	549010	68	7.50-(8.25)	131	23	41.8	11.1	19.4	12.1	6610	6005	120	120	497
		12R22.5	H/16	549060	68	8.25-(9.00)	144	23	42.8	11.6	19.9	12.7	7390	6780	120	120	484
	24.5	315/80R22.5	L/20	549050	65	(9.00)-9.75	159	23	43.0	12.3	20.0	13.3	10000	8270	130	130	483
		11R24.5	H/16	549020	68	7.50-(8.25)	138	23	43.8	11.1	20.4	12.1	7160	6610	120	120	474
M320 WB	22.5	385/65R22.5	J/18	549070	68	(11.75)-12.25	169	22	42.6	14.8	19.8	15.6	9370	-	120	-	487
		425/65R22.5	L/20	549090	68	11.75-(12.25)-13.00	195	23	44.9	16.3	20.9	17.3	11400	-	120	-	462

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	-

M503



MAXIMUM TRACTION

- Deep 26/32" 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.

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	H / 16	549100	68	(8.25)	127	26	42.0	11.1	19.5	12.2	6610	6005	120	120	494
24.5	11R24.5	H / 16	549120	68	(8.25)	136	26	44.0	11.1	20.4	12.2	7160	6610	120	120	472

*"H" = 16-ply rating. Bold designates measuring rim width.

*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

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

The M506 is a 30/32" drive tire for severe on/off-road applications. The extra-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

- Extra-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

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE	
22.5	11R22.5	H/16	549280	55	(8.25)	134	30	42.2	11.1	19.6	12.2	6610	6005	120	120	492
24.5	11R24.5	H/16	549300	55	(8.25)	146	30	44.3	11.1	20.6	12.2	7160	6610	120	120	469

REGIONAL AND URBAN 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
LONG-HAUL	DRIVE	-
REGIONAL	DRIVE	-
URBAN	DRIVE	-

M608

EXCEPTIONAL TRACTION

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



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
17.5	215/75R17.5	F / 12	316080	75	(6.00) -6.75	61	19	30.8	8.5	14.3	9.3	3530	3420	100	100	674
	225/70R19.5	F / 12	556230	87	(6.00) -6.75	68	20	32.3	8.3	14.8	9.1	3640	3415	95	95	643
	225/70R19.5	G / 14	556170	87	(6.00) -6.75	68	20	32.3	8.3	14.8	9.1	3970	3750	110	110	643
19.5	245/70R19.5	G / 14	562030	87	6.75- (7.50)	79	19	33.2	9.4	15.1	10.3	4540	4300	110	110	625
	265/70R19.5	G / 14	556190	75	6.75- (7.50) -8.25	82	20	34.4	10.2	16.0	11.0	5510	5205	110	110	602
	285/70R19.5	H / 16	556120	75	7.50- (8.25) -9.00	95	21	35.4	11.0	16.5	11.8	6395	6005	125	125	586
22.5	9R22.5	G / 14	556000	75	(6.75)	85	19	38.3	8.9	17.8	9.7	4940	4675	120	120	542

*F = 12-ply rating, "G" = 14-ply rating, "H" = 16-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

REGIONAL AND 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 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

- DSOC II™ technology optimizes footprint design for even wear and long life.
- Deep 28/32" 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.



M610

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G / 14	556520	75	(8.25)	129	28	42.0	11.1	19.5	12.1	6175	5840	105	105	494
	11R22.5	H / 16	556530	75	(8.25)	129	28	42.0	11.1	19.5	12.1	6610	6005	120	120	494
	295/75R22.5	G / 14	556510	75	(8.25)	123	28	40.7	11.4	18.9	12.4	6175	5675	110	110	510
24.5	11R24.5	G / 14	556460	75	(8.25)	138	28	44.0	11.1	20.4	12.1	6610	6005	105	105	471
	11R24.5	H / 16	556470	75	(8.25)	138	28	44.0	11.1	20.4	12.1	7160	6610	120	120	471
	285/75R24.5	G / 14	556500	75	(8.25)	130	28	42.0	11.1	19.5	12.1	6175	5675	110	110	494

LONG-HAUL, REGIONAL, AND URBAN DRIVE TIRE

The M647 is Toyo's highest-mileage drive tire. The extra-deep, 30/32" tread depth is ideal for urban to long-haul operations, where tread wear is the primary reason tires are removed from service. The excellent miles per 32nd, combined with the deep tread and minimal irregular wear, make this the drive tire of choice in multiple applications. These benefits, combined with a competitive acquisition point, result in a lower cost per mile, making the M647 the leading value alternative drive tire for urban, regional, and long-haul vehicles.

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



M647

EXCEPTIONAL REMOVAL MILES

- Extra-deep, 30/32" 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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOADED WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G/14	558070	75	7.50-(8.25)	124	30	42.1	11.1	18.9	12.1	6175	5840	105	105	493
	11R22.5	H/16	558090	75	7.50-(8.25)	124	30	42.1	11.1	18.9	12.1	6610	6005	120	120	493
	12R22.5	H/16	558360	75	8.25-(9.00)	143	30	43.1	11.9	17.2	13.0	7390	6780	120	120	481
	255/70R22.5	H/16	558350	75	(7.5)-8.25	99	25	37.1	9.9	17.2	10.6	5510	5070	120	120	560
	295/75R22.5	G/14	558300	75	(8.25)-9.00	120	30	40.9	11.1	19.0	12.1	6175	5675	110	110	507
24.5	11R24.5	G/14	558170	75	7.50-(8.25)	123	30	44.1	11.1	19.9	12.1	6610	6005	105	105	471
	11R24.5	H/16	558180	75	7.50-(8.25)	123	30	44.1	11.1	19.9	12.1	7160	6610	120	120	471
	285/75R24.5	G/14	558160	75	(8.25)	123	30	42.1	10.8	19.1	11.8	6175	5675	110	110	494

*G = 14-ply rating, "H" = 16-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

REGIONAL AND URBAN DRIVE TIRE

The M650 is a deep, open-shoulder drive tire that delivers high-traction, high-torque, and cut and chip resistance, plus high mileage and excellent fuel efficiency. The tire comes with a 28/32" tread depth, which adds to its long life. All of 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
LONG-HAUL	DRIVE	-
REGIONAL	DRIVE	-
URBAN	DRIVE	-



M650

MAXIMUM FUEL EFFICIENCY

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

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G/14	558820	75	7.50-(8.25)	125	28	42.0	11.1	18.8	12.1	6175	5840	105	105	495
	11R22.5	H/16	558830	75	7.50-(8.25)	125	28	42.0	11.1	18.8	12.1	6610	6005	120	120	495
	295/75R22.5	G/14	558800	75	(8.25)-9.00	120	28	40.7	11.1	18.4	12.1	6175	5675	110	110	510

EXTREME, LONG, AND REGIONAL HAUL DRIVE TIRE

The M657 is a deep, even-wearing drive tire that maximizes fuel efficiency and mileage in extreme long, long, and regional hauling. This is Toyo's most fuel-efficient drive tire, with low rolling resistance, excellent wear in miles per 32nd, and a deep 28/32" tread depth. These features, combined with a competitive acquisition point, result in a low cost per mile, making the M657 a leading value alternative drive tire.

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



M657

MAXIMUM FUEL EFFICIENCY

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

EXCELLENT REMOVAL MILES

- E-balance provides optimum footprint wear to increase mileage performance.
- High-rigidity shoulder reduces the likelihood of early removal due to irregular wear.
- Deep 28/32" tread depth delivers longer 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.
- High-elongation top belt protects casing integrity.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)	STATIC LOAD WIDTH (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G / 14	558420	75	7.50-(8.25)	124	28	42.0	11.1	19.5	6175	5840	105	105	494
	295/75R22.5	G / 14	558400	75	(8.25) -9.00	115	28	40.8	11.1	19.0	6175	5675	110	110	509
24.5	11R24.5	G / 14	558430	75	7.50-(8.25)	130	28	44.0	11.1	20.5	6610	6005	105	105	472
	285/75R24.5	G / 14	558410	75	(8.25)	120	28	42.0	10.8	19.5	6175	5675	110	110	495

*G" = 14-ply rating, "H" = 16-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

LONG AND REGIONAL HAUL DRIVE TIRE

The M677 is a SmartWay-verified, four-groove drive tire for regional and long haul operations. Built with a 28/32" deep tread, it is designed for maximum fuel efficiency and delivers excellent wear performance and great traction, making it a leading value alternative tire for long- and regional-haul fleets.

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



M677

MAXIMUM FUEL EFFICIENCY

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

EXCELLENT REMOVAL MILES

- 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.

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PL RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) SINGLE	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G/14	540130	75	7.50-(8.25)	127	28	42.0	11.1	18.8	6175	5840	105	105	495
	295/75R2	G/14	540070	75	(8.25)-9.00	117	28	40.7	11.1	18.4	6175	5675	110	110	510
24.5	11R24.5	G/14	540120	75	7.50-(8.25)	136	28	44.0	11.1	19.8	6610	6005	105	105	472
	285/75R2	G/14	540110	75	(8.25)	124	28	41.9	10.8	19.0	6175	5675	110	110	495

M920™ (19.5)

REGIONAL AND URBAN DRIVE TIRE

The M920 drive tire delivers superb all-season traction and high mileage for local and regional operations. This unique tire features a wider tread width for even load distribution and improved stability. The deep 23/32" tread ensures maximum mileage on pickup and delivery vehicles, while an N-speed rating matches OE specifications. Computer-optimized design, all-season 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
LONG-HAUL	DRIVE	-
REGIONAL	DRIVE	-
URBAN	DRIVE	-



MAXIMUM REMOVAL MILES

- Extra-deep, 23/32" 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-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.
- V-notch in tread grooves provides traction in all conditions.

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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
19.5	225/70R19.5	G / 14	540040	87	(6.00) -6.75	68	21.0	32.4	8.3	14.8	3970	3750	110	110	642
	245/70R19.5	G / 14	540050	87	6.75- (7.50)	79	22.6	33.6	9.9	15.2	4540	4300	110	110	619

*G" = 14-ply rating, "H" = 16-ply rating, "J" = 18-ply rating, "L" = 20-ply rating Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.

REGIONAL AND URBAN DRIVE TIRE

The M20 drive tire delivers superb all-season traction and high mileage for local and regional 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	-



MAXIMUM REMOVAL MILES

- Extra-deep, 29/32" 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-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.
- V-notch in tread grooves provides traction in all conditions.

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 (22.5-24.5)

WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
22.5	11R22.5	G / 14	540100	75	7.50-(8.25)	128	26.6	41.9	11.1	18.8	6175	5840	105	105	495
	11R22.5	H / 16	540090	75	7.50-(8.25)	128	26.6	41.9	11.1	18.8	6610	6005	120	120	495
	295/75R22.5	G / 14	540170	75	(8.25)-9.00	127	27.0	40.7	11.1	18.4	6175	5675	110	110	510
	315/80R22.5	L / 20	540190	75	(9.00)-9.75	174	29.0	43.1	12.3	19.3	9090	8270	130	130	481
24.5	11R24.5	H / 16	540140	75	7.50-(8.25)	139	27.0	43.9	11.1	19.8	7160	6610	120	120	473
	285/75R24.5	G / 14	540160	75	(8.25)	132	27.0	41.9	10.8	19.0	6175	5675	110	110	496

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 mileage. 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	-

M1430

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 15/32" 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.



WHEEL DIA.	TIRE SIZE	LOAD RANGE / PLY RATING	PRODUCT CODE	MAX SPEED (MPH)	APPROVED RIM WIDTH RANGE (IN.)	WEIGHT (LBS.)	TREAD DEPTH (1/32")	OVERALL DIA. (IN.)*	OVERALL WIDTH (IN.)*	STATIC LOADED RADIUS (IN.)*	STATIC LOADED RADIUS (IN.)	MAX LOAD (LBS.) SINGLE	MAX LOAD (LBS.) DUAL	MAX PRESSURE (PSI) DUAL	REVS PER MILE
17.5	215/75R17.5	H / 16	520500	62	(6.0) -6.75	60	15.0	30.5	8.3	14.2	4805	4540	125	125	681
	235/75R17.5	J / 18	520540	62	(6.75) -7.50	65	15.0	31.6	9.2	14.3	6000	5680	125	125	657
	245/70R17.5	J / 18	520530	62	(6.75) -7.50	70	15.7	31.5	9.5	14.6	6005	5675	125	125	660
	245/70R17.5	H / 16	520520	62	(6.75) -7.50	69	16	31.5	9.5	14.6	10.3	6005	5675	125	125

*H = 16-ply rating, J = 18-ply rating. Bold designates measuring rim width.
*Inflated dimensions. Never exceed wheel manufacturer's load and inflation limits.



URBAN (D)

GLOSSARY

TREAD PATTERNS

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




RIB
A pattern that has grooves that continue around the tire in the direction of rotation. Well suited for operating on paved surfaces. An example of this pattern is the Toyo M154™.



RIB-LUG
A pattern that has lugs on shoulders and blocks on center. Mainly used for on/off-road applications. An example of the rib-lug pattern is the Toyo M647™.



LUG
Used for vehicles that travel local or unpaved roads. A lug pattern example is the Toyo M610ZL™.

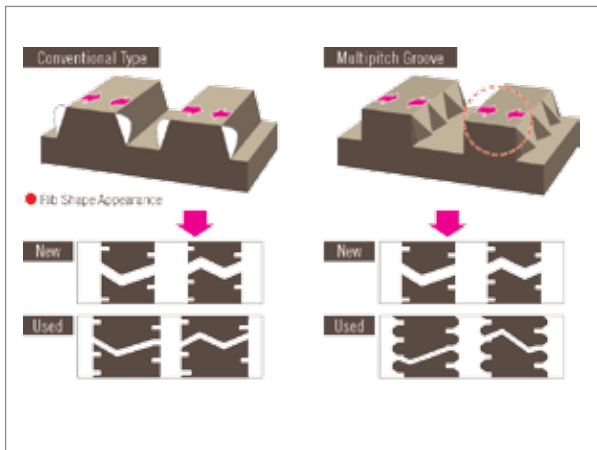


BLOCK
A pattern that is composed of independent blocks. Ideal for drive axles of on/off-road vehicles. An example of the block pattern is the Toyo M506Z™.

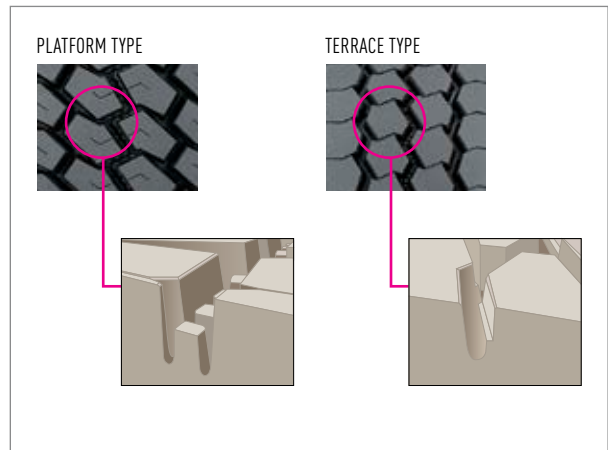
MULTI-PITCH GROOVE AND STONE EJECTORS

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



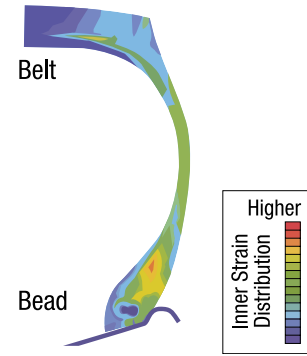
STONE EJECTORS





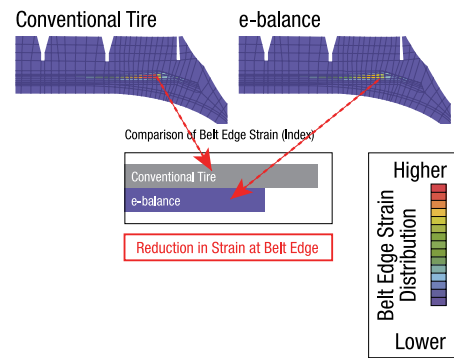
Toyo Tires e-balance technology for commercial truck tires improves fundamental performance characteristics and their compatibility with one another. These characteristics are tire life, irregular wear resistance, endurance, and fuel consumption. All of these improvements help to lower fleet operating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



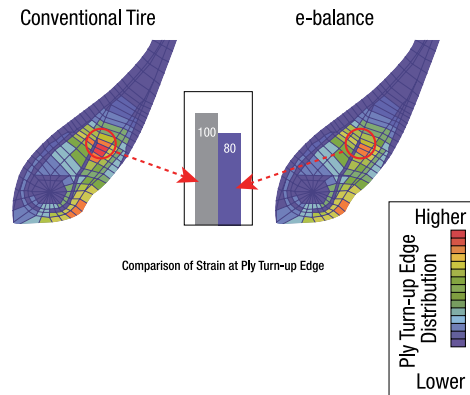
TREAD PROFILE RETENTION

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.



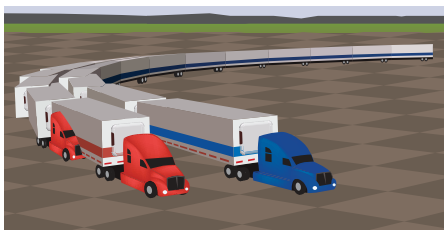
BEAD PROFILE RETENTION

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.



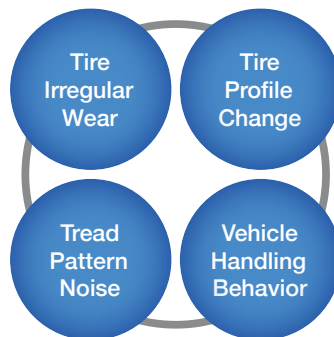
SIMULATION

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.



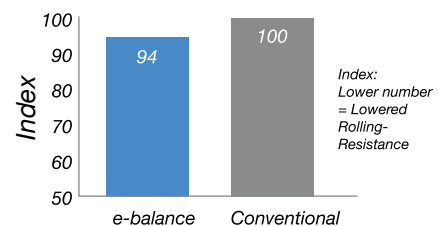
Blue Truck: e-balance / Red Truck: without e-balance.
V:40km/h Steering Angle 90°

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

DSOC II™ TECHNOLOGY

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.

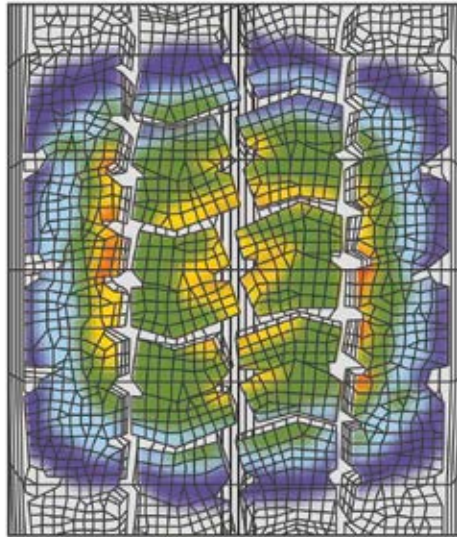
Toyo Tires engineers study the process of irregular wear using the DSOC II (Dynamic Simulation Optimized Contact) system. DSOC II is a sophisticated computer program that simulates forces acting on a tire under actual operating conditions. The simulation reveals stress levels within the tire, how speed 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™ TECHNOLOGY



M677™



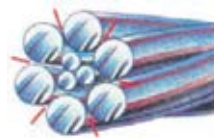
DSOC II™ SIMULATION

LONG CASING LIFE

Our high-tensile, open cord construction for casing and belts keeps moisture and oxygen from entering the cord bundle to combat corrosion. The result is less fatigue, longer casing life, and higher retreadability.



Non-Toyo Tires:
Room for air



Toyo Tires:
Improved rubber penetration

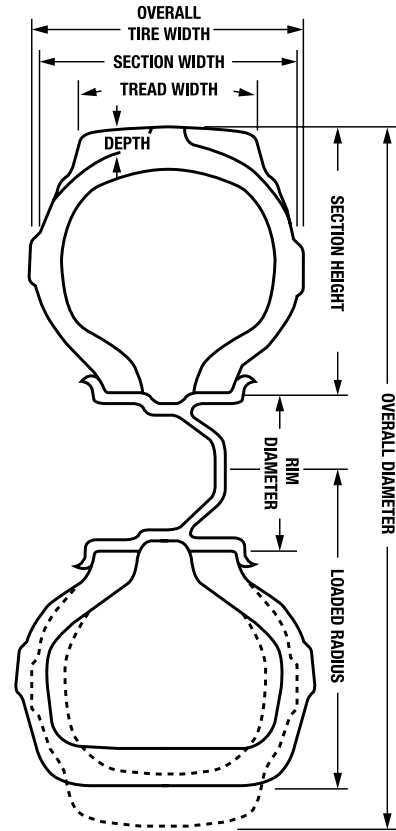
TIRE SIZE AND DIMENSION DEFINITIONS

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

For example:

10.00 R 20 14PR — Ply Rating
 — Nominal Rim Diameter (inches)
 — Radial Construction
 — Nominal Section Width (inches)

285/75R24.5 14G
 — Load Range
 — Ply Rating
 — Tubeless Rim Diameter (inches)
 — Radial Construction
 — Aspect Ratio
 — Nominal Section Width (inches)



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.

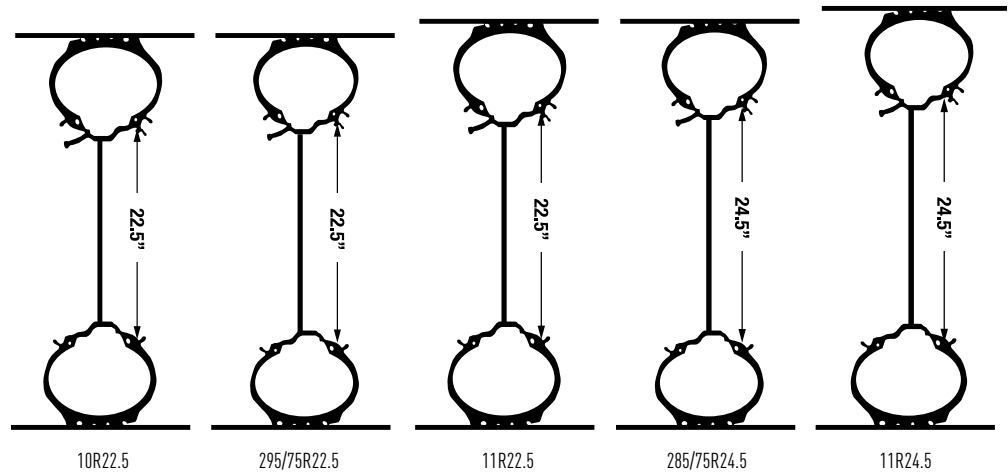
For speeds above 20 MPH, the combined increases of A and B should not exceed 10 PSI above the inflation specified for the maximum load of the tire.

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

COMPARISON OF DIMENSIONS

LOW PROFILE VS. STANDARD SERIES DIMENSIONS

COMPARISON OF 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) G/14	5,675 @ 115 PSI	6,175 @ 110 PSI	6,175 @ 105 PSI	6,175 @ 110 PSI	6,610 @ 105 PSI

COMMERCIAL TRUCK/BUS RADIAL TIRE AND CASING LIMITED WARRANTY

This Limited Warranty covers your TBR tires against conditions that cause them to become unstable due to workmanship and materials, subject to the terms and conditions described below.

WHAT IS COVERED?

Your TBR tire is eligible for coverage if all of the following criteria are met (“**Eligible Tire(s)**”):

- You are the original purchaser of the tire.
- You purchased the tire on or after October 13, 2013*.
- You have properly maintained and used the tire.
- You fulfill the warranty claim procedure (See “HOW TO MAKE A CLAIM” below).
- You purchased and used the tire only in the United States.
- The tire was distributed within the United States by Toyo Tires.
- The tire bears the complete Toyo Tires DOT tire identification number.
- The tire has not been branded “NA” (non-adjustable) or “USED.”
- The tire is not subject to any exclusion (See “WHAT IS NOT COVERED?” below).

*Tires purchased before October 13, 2013, may be covered by an earlier warranty.

HOW LONG IS THE COVERAGE?

An Eligible Tire is covered for 66 months (“**Warranty Period**”) from the original date of purchase, which is the date that appears in the original sales receipt. If a sales receipt is not available, the Warranty Period is 66 months from the date of manufacture, which is indicated by the Toyo Tires DOT tire identification number on the tire sidewall.

WHAT IS NOT COVERED?

This Limited Warranty does not cover claims based on or arising from the following:

- Mileage or tread wear.
- Uniformity issues after the first 2/32” of treadwear.
- Road hazards, fire, theft, collision, or accident.
- Improper tire/vehicle maintenance or use, not limited to:
 - Incorrect inflation; overloading; vehicle misalignment; poor or defective mechanical condition of brakes, shocks, wheels, or other suspension components; or other factors attributable to the vehicle or wheel.
 - Running on a flat tire (i.e., 80% or less of the recommended inflation pressure).
 - Abuse, vandalism, tire alteration, tire spinning, or curbing.
 - Exposure to oil-based chemicals, water-based sealers, balancing substances, or flammable gases.
 - Improper use of tire chains.
 - Using an inner tube in a tubeless tire.
 - Using a highway tire for off-highway use.
- Improper mounting, dismounting, balancing, sizing, repair, or retreading, not limited to:
 - Water, chemicals or other foreign matter trapped within the tire.
 - Failure to keep tires balanced.
- Weather and/or ozone.
- Conditions from the retread process.

Nothing in this Limited Warranty is intended to be a representation that tire failures cannot occur.

WARRANTY

ORIGINAL TREAD WARRANTY.

For every Eligible Tire with original tread within the Warranty Period, Toyo Tires will do the following:

- **Less Than 2/32" Worn:** If your Eligible Tire with original tread has 2/32" or less wear, Toyo Tires will replace it, free of charge, with a comparable Toyo Tires brand tire. **You are responsible for all mounting and balancing costs, disposal fees, and taxes.**
- **More Than 2/32" Worn:** If your Eligible Tire with original tread has more than 2/32" wear, Toyo Tires will replace with a **comparable Toyo Tires brand tire**, on a pro rata basis. **You are responsible for the prorated cost of a replacement tire and all mounting and balancing costs, disposal fees, and taxes.**

A **comparable Toyo Tires brand tire** is the same model and size tire, or if it has been discontinued or otherwise not available, a tire of the same basic construction, quality, and size as the original tire, as determined by the sole discretion of Toyo Tires.

The **prorated cost of a replacement tire** is determined as follows:

(Usable Remaining Tread) ÷ (Usable Total Tread) x (actual current authorized dealer selling price of comparable Toyo Tires brand tire).

- **Usable Total Tread** = Total tread depth of a new comparable Toyo Tires brand tire minus 4/32" (note: the total tread depth will vary by tire model).
- **Usable Remaining Tread** = Usable Total Tread minus tread wear. Tread wear is determined by measuring the total tread depth of a new comparable Toyo Tires brand tire and subtracting the remaining total tread depth on the Eligible Tire.

HOW TO MAKE A CLAIM.

To make a claim under this Limited Warranty, you must:

1. Present the Eligible Tire(s) to an authorized Toyo Tires truck/bus tire dealer. At the request of Toyo Tires, you must make available for inspection the vehicle on which the Eligible Tire was previously mounted.
2. Complete and sign the Toyo Tires Limited Warranty Claim form provided by the dealer.
3. Keep a copy of the claim form for your records and leave the Eligible Tire(s) with the dealer.

Your claim will be administered in accordance with the limited warranty in effect at the time you purchased the Eligible Tires.

YOUR LEGAL RIGHTS.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

LIMITATIONS AND EXCLUSIONS.

THIS LIMITED WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED THAT ARE SPECIFICALLY EXCLUDED, INCLUDING (WITHOUT LIMITATION) WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW (E.G., LOSS OF TIME, LOSS OF USE OF VEHICLE, TOWING CHARGES, ROAD SERVICES, COST OF RENTAL VEHICLE, INCONVENIENCES, ETC.).

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions may not apply to you.

The terms of this Limited Warranty may not be changed by anyone, including any Toyo Tires employee, representative, or dealer.

Toyo Tires does not warranty any work performed by a dealer, including, but not limited to, such dealer's selection, fitment, mounting and balancing, inspection, or repair of any tire.

SAFETY WARNINGS AND ADVICE

Toyo Tires are designed and built with great care. Any tire, no matter how well constructed, can fail as a result of punctures, impact damage, underinflation/overloading, or other conditions resulting from use. To obtain the highest possible performance, tires must be properly handled and maintained.

E. Rims/Wheels:

- Always make sure that the tire wheel diameter and the rim/wheel diameter are identical. For example, do not mount a 17" tire on a 17.5" wheel, or similar incorrect combinations: 19" and 19.5", 22" and 22.5", 24" and 24.5". NEVER assemble a tire and rim unless you have positively identified and correctly matched the combination.
- Use rims and wheels that are approved for radial tires and that are rated for the pressure and loads required for the intended tire fitment. Consult the rim or wheel manufacturer for further information regarding proper application and use.
- Do not attempt to mount and inflate any tire on a bent, cracked, damaged, or welded rim or wheel.
- Never exceed the maximum load or inflation limit of the rim or wheel. Consult the rim/wheel manufacturer for further information regarding application or use.

F. Inflation:

- Always follow the safety guidelines in the OSHA Publication when inflating a newly mounted tire, including the use of a safety cage, an extension hose with gauge, and clip-on air chuck for inflating the tire. Stand back from the tire and never lean or reach over the assembly during inflation.
- Never attempt to inflate any tire that may have damaged cords, inner liner wrinkling, heat deterioration, casing distortion, or other signs of underinflation, run flat, separation, or air leakage.



WARNING: If you attempt to inflate any tire that may have been damaged from underinflation/overload, or a run-flat condition, it may explode with violent force, which can result in serious injury or death.

G. Never introduce flammable substances to the interior of any tire during either the mounting process or during inflation. **Such practices can cause an explosion that may result in injury or death.**

H. Mixing Tires: For trucks with four wheel positions, never mix radial and non-radial tires on the same axle.

- If two radial tires are used with a pair of non-radial tires, the radial tires should be placed on the rear axle.
- On a dual axle, never mix radial with bias tires.
- Use tires with a similar tread design and remaining tread depth to ensure consistent handling.

Refer to the vehicle owner's manual for specific instructions regarding the mixing and matching of replacement tires.

TIRE USE AND MAINTENANCE

I. Tire Pressure: Use an accurate tire gauge to routinely check inflation pressures, and always check the pressure when the tires are cold (i.e., before driving on them).

- Measuring inflation pressures when the tire is hot will generate inaccurate pressure readings. Never bleed pressure from hot tires as this can result in underinflated tires.
- Never run on tires that are underinflated.
- Use metal valve caps to keep cores clean and clear of debris and to help guard against air leakage.

Tire Load: Check tire inflation pressures to make sure they are rated for the load.

- Never overload your tires.
- In dual-wheel applications, it is possible to overload a tire if one of the tires is underinflated or flat.
- If a tire has been driven in an overloaded condition, have it inspected and replaced.

WARNING

WARNING: Underinflation or overloading will result in tire fatigue and sudden tire failure. This could lead to loss of vehicle control, possibly resulting in personal injury or death.

Consult your Toyo Tires commercial truck tire dealer or Toyo Tires for proper load and inflation information.

J. Speed Ratings: Never run tires at speeds in excess of their speed ratings as the tires may overheat and suddenly fail. **This could lead to loss of vehicle control, possibly resulting in personal injury or death.** Consult your Toyo Tires commercial truck tire dealer for further information concerning speed ratings for specific Toyo Tires commercial truck tires.

K. Routine Inspections: Check your tires for any damage or irregular wear prior to each trip. Irregular wear may indicate improper tire balance, vehicle misalignment, or worn parts. Your authorized Toyo Tires commercial truck tire dealer is also available to inspect and service your tires. A routine inspection of your tires will help to ensure your safety, and give you the maximum mileage and performance from your Toyo Tires.

WARNING

WARNING Beware of Sudden Tire Vibration: Serious injury or death may result from a tire failure. Many tire failures are preceded by vibration, bumps, bulges, or irregular wear. If you experience any unusual vibration, pull, ride disturbance, or noise from your vehicle, pull over to a safe area as soon as possible and inspect the tires for signs of damage. Seek roadside assistance or replace the damaged tire with your spare.

L. Worn Tires: All tires have wear indicator bars incorporated into the tread at 2/32" to signal when the tires must be replaced. Never drive on tires that are worn past the wear indicator bars. Commercial truck tires that are mounted on the front axles of buses, trucks, or truck tractors need to be replaced at 4/32" (3.2mm).

WARNING

WARNING: Continued operation of your vehicle with excessively worn tires can lead to loss of vehicle control in wet or adverse weather conditions, possibly resulting in personal injury or death.

Tire Storage:

M. Follow these recommended guidelines for storage of your tires:

- Store tires in a cool, dry area away from major heat sources.
- Avoid contact of tire surfaces with petroleum or oil-based products.
- It is best to store tires in an enclosed area with no exposure to electromagnetic sources such as electric welders, generators, or transformers.

Failure to store tires in accordance with these instructions can cause damage resulting in sudden tire failure.

TIRE REGISTRATION

The tire registration system is an important means by which we can contact you in the event your tire is recalled. When you purchase your Toyo Tires, please request a tire registration form from your dealer with the relevant tire information. Complete the card and mail it to the pre-addressed location on the form.

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
10R22.5	Dual	lbs.	3860	4045	4230	4410(E)132	4585	4760	4940(F)136	5075	5210	5355(G)139	-	-	-
	Single		4080	4280	4480	4675(E)134	4850	5025	5205(F)138	5360	5515	5675(G)141	-	-	-
11R22.5	Dual	lbs.	4380	4580	4760	4950	5205(F)138	5415	5625	5840(G)142	5895	5950	6005(H)143	-	-
	Single		4530	4770	4990	5220	5510(F)140	5730	5950	6175(G)144	6320	6465	6610(H)146	-	-
12R22.5****	Dual	lbs.	4780	4990	5190	5390	5675(F)141	5785	5895	6005(G)143	6265	6525	6780(H)147	-	-
	Single		4940	5200	5450	5690	6005(F)143	6205	6405	6610(G)146	6870	7130	7390(H)150	-	-
285/75R24.5	Dual	lbs.	4185	4340	4540	4740	4930	5205(F)138	5310	5495	5675(G)141	-	-	-	-
	Single		4545	4770	4940	5210	5420	5675(F)141	5835	6040	6175(G)144	-	-	-	-
11R24.5	Dual	lbs.	4660	4870	5070	5260	5510(F)140	5675	5840	6005(G)143	6205	6405	6610(H)146	-	-
	Single		4820	5070	5310	5550	5840(F)142	6095	6350	6610(G)146	6790	6970	7160(H)149	-	-

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)	-	-

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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