

DIAMONDBACK



2026

OFF-THE-ROAD TIRE DATABOOK

DIAMONDBACK

www.diamondback-tire.com

PRODUCT POSITIONING



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DUMP TRUCK**

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RADIAL TIRES

Find the right tire to fit your equipment



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PRODUCT POSITIONING



**LOADER
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**INDUSTRIAL
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E-3

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RADIAL TIRES





RIGID DUMP TRUCK RADIAL TIRES

RIGID DUMP TRUCK

E-2



TB586

E-3



TB526TL569ATL569A PRO

E-4



TB516STB516S PROTB526STB526S PROTB577A

E-4



TB577A SUPERTB599TB599ATB599A PLUSTB599A PRO

E-4



TB999



TB586 E-2

Radial Tire For Earthmover Applications

- Aggressive and self-cleaning tread design for outstanding traction in tough off-road conditions
- Unique compound and tread design offer high-speed capability while minimizing fuel consumption
- Radial construction improves treadwear and ride comfort

TB586 E-2



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R25	★★★RF	50	30	53.9	14.8	29	23	10.00/2.0	15400/131

RF----- : Reinforced
(For wide body dump trucks, the maximum air pressure of the tire can be 1250 kpa)



TL569A E-3

- Excellent anti-cut and wear performance offer long tire life
- Wide open shoulder grooves offer good heat emission
- Excellent self-clean pattern design for dump truck operation

TL569A PRO E-3

- Optimized pitch for better heat performance

RIGID DUMP TRUCK

Pattern description



Good anti cut and chipping for longer tire life



Tough casing construction for enhanced impact and cut resistance support

TL569A E-3

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R25	★★★RF	50	30	53.9	14.8	32.8	26	10.00/2.0	15400/131
16.00R25	★★★RF	50	30	59	17	39.1	31	11.25/2.0	18060/116

RF----- : Reinforced
(For wide body dump trucks, the maximum air pressure of the tire can be 1250 kpa)

TL569A PRO E-3

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R25	★★★RF	50	30	53.9	14.8	32.8	26	10.00/2.0	15400/131

RF----- : Reinforced
(For wide body dump trucks, the maximum air pressure of the tire can be 1250 kpa)



TB526 E-3

Traction Radial Tire For Earthmover Applications

- Big block pattern to prevent cut and chipping damage
- Reinforced sidewall for protection and longer tire life

TB526 E-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R25	★★★RF	50	30	53.9	14.8	32.8	26	10.00/2.0	15400/131

RF----- : Reinforced
(For wide body dump trucks, the maximum air pressure of the tire can be 1250 kpa)



RIGID DUMP TRUCK



TB516S E-4

Radial Haulage Tire with Excellent Durability

- Wide aggressive tread design for excellent handling, outstanding traction and lateral adhesion
- Robust shoulder and enhanced sidewall offer great resistance to damage in harsh environments
- Tough casing construction for enhanced impact and cut resistance support

TB516S E-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R24	★★★	50	30	55.8	14.8	48.5	38.5	10.00W	12760/102
14.00R25	★★★	50	30	55.8	14.8	48.5	38.5	10.00/1.5	12760/102
14.00R25	★★★RF	50	30	55.8	14.8	48.5	38.5	10.00/1.5	15400/131
16.00R25	★★★RF	50	30	60.9	17	54.2	43	11.25/2.0	18060/116
18.00R25	★★	50	30	65.9	19.6	56.7	45	13.00/2.5	20400/102
18.00R25	★★★	10	5	65.9	19.6	56.7	45	13.00/2.5	37700/131

RF----- : Reinforced
(For wide body dump trucks, the maximum air pressure of the tire can be 1250 kpa)



TB516S PRO E-4

Traction Radial Tire For Earthmover Applications

- Big block pattern to prevent cut and chipping damage
- Reinforced sidewall and shoulder for protection and longer tire life

TB516S PRO E-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
18.00R25	★★★RF	50	30	65.9	19.6	-	-	13.00/2.5	11300/900

RF----- : Reinfoeced
(For wide body dump trucks, the maximum air pressure of the tire can be 1250 kpa)



TB526S E-4

- Deep lug pattern provides even pressure distribution, which increases mobility and optimizes traction
- Buttressed shoulder lugs offer enhanced resistance to sidewall cutting and also improved self-cleaning
- Rugged tread design and unique compound for long even wear
- Radial construction for enhanced treadwear and comfortable ride

RIGID DUMP TRUCK

Pattern description



Big block pattern to prevent cut and chipping damage



Reinforced sidewall for protection and longer tire life

TB526S E-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
18.00R33	★★	50	30	73.9	19.6	64.3	51	13.00/2.5	24000/102
18.00R33	★★★	50	30	73.9	19.6	64.3	51	13.00/2.5	26800/116
21.00R33	★★	50	30	78.8	22.5	65.5	52	15.00/3.0	30900/102
21.00R33	★★★	50	30	78.8	22.5	65.5	52	15.00/3.0	34200/116
21.00R35	★★	50	30	80.8	22.5	75.6	60	15.00/3.0	32000/102
24.00R35	★★	50	30	85.6	25.7	81.9	65	17.00/3.5	40800/102
24.00R35	★★★	50	30	85.6	25.7	81.9	65	17.00/3.5	44100/116
27.00R49	★★	50	30	106.4	29.0	93.2	74	19.5/4.0	60000/102



TB526S PRO E-4

- Radial Haulage Tire Providing Outstanding
- Traction and Long, Even Tread Wear
- New case line design and material adaptation offer better durability
- Optimized pattern offers excellent traction and heat dispersion

RIGID DUMP TRUCK

Pattern description



New case line design and material adaptation offer better durability



Optimized pattern offers excellent traction and heat dispersion

TB526S PRO E-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
27.00R49	★★	50	30	106.4	29.0	93.2	74	19.5/4.0	60000/102



TB577A E-4

- Excellent traction for rigid dump truck operation
- Special tread pattern design for excellent heat dispersion
- Optimized casing design for good load capability



TB577A SUPER E-4

- Further improved tread design for longer tire life

RIGID DUMP TRUCK

Pattern description



Special tread pattern design for excellent heat dispersion



Optimized casing design for good load capability

TB577A E-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
24.00R35	★★★	50	30	85.6	25.7	71.8	57	17.00/3.5	44100/116

TB577A SUPER E-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
24.00R35	★★★	50	30	85.6	25.7	87.6	69.5	17.00/3.5	44100/116



TB599 E-4

Radial Haulage Tire with Excellent Durability

- Deep tread combined with sturdy shoulder and sidewall provide outstanding protection
- Choice of application-specific compound for exceptional performance
- Unique tread design and deep tread deliver an improvement in tire life

TB599 E-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
40.00R57	★★	50	30	141.5	43.2	124.7	99	29.00/6.0	132500/102

RIGID DUMP TRUCK



TB599A E-4

- Deep tread combined with sturdy shoulder and sidewall provide excellent traction and stability
- Deep tread for cut and chip resistance
- Choice of application-specific compound for exceptional low heat generation
- Unique tread design and deep tread deliver an improvement in tire life

TB599A E-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
27.00R49	★★	50	30	106.4	29.0	93.2	74	19.5/4.0	60000/102



TB599A PLUS E-4

Long Lasting Tire for Severe Mine and Quarry Conditions

- Special tread pattern extends service life
- Variable-depth groove design in addition to great resistance to cuts
- Reinforced bead structure endows long-term durability



TB599A PRO E-4

Long Lasting Tire for Severe Mine and Quarry Conditions

- Special tread pattern provides longer tread life
- Advanced heat-dissipation units reduce thermal buildup during operation
- New-generation contour design optimizes overall performance
- The optimal footprint enables tires to achieve enhanced stress distribution

RIGID DUMP TRUCK

Pattern description



Optimized pattern design for better wear performance



Optimized case line and block toughness for better footprint

TB599A PLUS E-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)	RIM	LOAD/PRESSURE (LBS/PSI)
33.00R51	★★	50	30	120.5	35.2	104.6 83	24.00/5.0	85500/102
46/90R57	★★	50	30	141.5	46.0	124.7 99	29.00/6.0	139000/102
50/80R57	★★	50	30	142.3	48.0	115.9 92	32.00/6.0	161000/102

TB599A PRO E-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)	RIM	LOAD/PRESSURE (LBS/PSI)
27.00R49	★★	50	30	106.4	29.0	95.7 76	19.5/4.0	60000/102
40.00R57	★★	50	30	141.5	43.2	122.2 97	29.00/6.0	132500/102



TB999 E-4

New Earthmover Product for Mining

- New pattern design with optimized casing for maximized tire life
- Consistent heat dispersion sipes for better durability performance
- New material adaptation, rubber bonding, and curing technology for excellent durability

TB999 E-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)	RIM	LOAD/PRESSURE (LBS/PSI)
46/90R57	★★	50	30	141.5	46.0	122.2 97	29.00/6.0	139000/102

ARTICULATED DUMP TRUCK TRUCK RADIAL TIRES



ARTICULATED DUMP TRUCK

E-3



TB516



TL528

E-3/L-3



TB598

E-4



TB598S

E-4/L-4



TL538S PRO



TB516 E-3

Versatile Radial Tire for Loaders, Dozers and other Equipment

- Wide aggressive tread design for excellent handling, outstanding traction and lateral adhesion
- Robust shoulder and enhanced sidewall offer great resistance to damage and aggression
- Tough casing construction for enhanced impact and cut resistance support

TB516 E-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
17.5R25	★★	50	30	53.1	17.5	34	27	14.00/1.5	12000/76
20.5R25	★★	50	30	58.8	20.5	37.8	30	17.00/2.0	16100/76
23.5R25	★★	50	30	63.7	23.5	40.3	32	19.50/2.5	20400/76
26.5R25	★★	50	30	68.9	26.5	44.1	35	22.00/3.0	25400/76
29.5R25	★★	50	30	73.8	29.5	47.9	38	25.00/3.5	30900/76
29.5R29	★★	50	30	77.8	29.5	47.9	38	25.00/3.5	33100/76

ARTICULATED DUMP TRUCK



TL528 E-3

Excellent Traction Radial Tire with Outstanding Performance on Soft Muddy Terrain

- Open lug design for excellent traction and maneuverability
- Unique tread pattern for enhanced self-cleaning performance
- Tough construction for enhanced impact resistance

TL528 E-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
23.5R25	★★	50	30	63.7	23.5	93.2	74	19.50/2.5	20400/76



TB598 E-3/L-3

Excellent Traction Radial with Exceptional Reliability for ADT

- Aggressive self-cleaning tread pattern for excellent traction, flotation and long tread life
- Rugged shoulder design for enhanced sidewall protection
- Unique compound for long tread life and efficient fuel economy
- Tough casing construction for enhanced impact and penetration resistance



TB598S E-4

- Aggressive self-cleaning tread pattern for excellent traction, flotation and long tread life
- Rugged shoulder design for enhanced sidewall protection
- Unique compound for long tread life and efficient fuel economy
- Tough casing construction for enhanced impact and penetration resistance

ARTICULATED DUMP TRUCK

Pattern description



Aggressive self-cleaning tread pattern for excellent traction, flotation and long tread life



Rugged shoulder design for enhanced sidewall protection

TB598 E-3/L-3

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
600/65R25	★★	50	30	55.7	23.9	42.8	34	19.50/2.5	16500/62
650/65R25	★★	50	30	58.3	25.4	58.3	38	19.50/2.5	17600/62
750/65R25 E-3	★★	50	30	63.4	29.7	52.9	42	24.00/3.0	23400/62
775/65R29 E-3	★★	50	30	68.7	30.4	55.4	44	24.00/3.5	28300/62
875/65R29 E-3	★★	50	30	73.5	34.2	63	50	28.00/3.5	34200/62
23.5R25	★★	50	30	63.7	23.5	44.1	35	19.50/2.5	20400/76
26.5R25	★★	50	30	68.9	26.5	46.6	37	22.00/3.0	25400/76
29.5R25	★★	50	30	73.8	29.5	51.7	41	25.00/3.5	30900/76

TB598S E-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
23.5R25	★★	50	30	64.2	23.8	59.2	47	19.50/2.5	20400/76
26.5R25	★★	50	30	69.5	26.8	68	54	22.00/3.0	25400/76
29.5R25	★★	50	30	73.6	29.9	71.8	57	25.00/3.5	30900/76
33.25R29	★★	50	30	82.1	33.3	80.6	64	27.00/3.5	48000/76
750/65R25	★★	50	30	65.6	29.7	66.8	53	24.00/3.0	23400/62
875/65R29	★★	50	30	73.8	34.6	73.6	59	27.00/3.5	34200/62
875/65R29	★★★	50	30	73.8	34.6	73.6	59	27.00/3.5	49390/116



TL538S PRO

E-4/L-4

Excellent Traction for ADT in Tough Condition

- Aggressive open tread pattern for excellent grip and powerful traction
- Uniform groove depth for outstanding traction throughout the life of the tire
- Rugged shoulder design for enhanced stability and improved sidewall protection

TL538S PRO E-4/L-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	SINGLE MAX/LOAD PRESSURE (LBS/PSI)
23.5R25	★★	50	30	68.1	26.9	774	59	19.50/2.5	20400/76
26.5R25	★★	50	30					22.00/3.0	25400/76
29.5R25	★★	50	30					25.00/3.5	30900/76



LOADER AND DOZER RADIAL TIRES



L-2



TB596



TB595



TB515

L-3



TB516



TL528

E-3/L-3



TB516 PRO



TB598

L-4



TB598S

E-4/L-4



TL578S



TL538S PRO

L-5



TL538S+



TL535S+



TL559S+

L-5S



TSMS+ PRO

LOADER AND DOZER



TB596 L-2

All-Season Radial Tire with Exceptional Traction on Snow and Ice

- Optimized pattern design for better wear performance



TB595 L-2

All-Season Radial Tire with Exceptional Traction on Snow and Ice

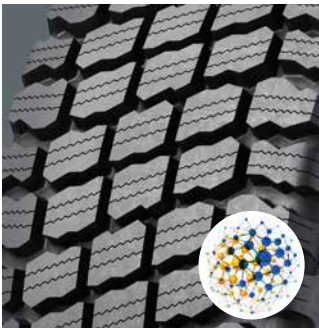
- Optimized case line and block toughness for better footprint
- Optimized grooves to prevent stone drilling

LOADER AND DOZER

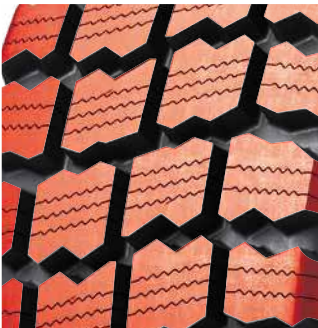
Pattern description



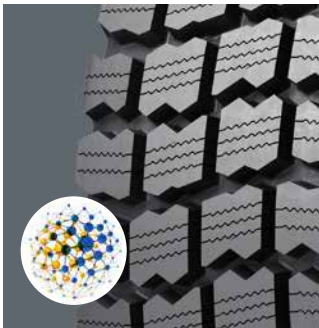
Optimized pattern design for better wear performance



Special compound and sipes for good handling in winter



Big block design for increased tire life



Special compound and sipes for good handling in winter

TB596 L-2

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R24	★	10	5	53.9	14.8	31.5	25	10.00VA SDC 9.00GR	15200/80
17.5R25	★	10	5	53.1	17.5	35.3	28	14.00/1.5	15700/73
17.5R25	★★	10	5	53.1	17.5	35.3	28	14.00/1.5	18700/94
20.5R25	★	10	5	58.8	20.5	39.1	31	17.00/2.0	20900/73
20.5R25	★★	10	5	58.8	20.5	39.1	31	17.00/2.0	25400/94
23.5R25	★	10	5	63.7	23.5	42.8	34	19.50/2.5	26800/73
23.5R25	★★	10	5	63.7	23.5	42.8	34	19.50/2.5	32000/94

TB595 L-2

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R24	★	10	5	53.9	14.8	31.5	25	10.00VA SDC 9.00GR	15200/80
17.5R25	★	10	5	53.1	17.5	35.3	28	14.00/1.5	15700/73
17.5R25	★★	10	5	53.1	17.5	35.3	28	14.00/1.5	18700/94
20.5R25	★	10	5	58.8	20.5	39.1	31	17.00/2.0	20900/73
20.5R25	★★	10	5	58.8	20.5	39.1	31	17.00/2.0	25400/94



TB515 L-2

Radial Tire with Outstanding Traction for Loaders

- Non-directional aggressive tread design delivers exceptional traction and stability
- Deep non-skid for long tread life
- Shoulder and sidewall intersection offers enhanced resistance to damage

TB515 L-2



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
17.5R25	★	10	5	53.1	17.5	34	27	14.00/1.5	15700/73
17.5R25	★★	10	5	53.1	17.5	34	27	14.00/1.5	18700/94
20.5R25	★	10	5	58.8	20.5	37.8	30	17.00/2.0	20900/73
20.5R25	★★	10	5	58.8	20.5	37.8	30	17.00/2.0	25400/94

LOADER AND DOZER



TB516 L-3

Radial Tire with Outstanding Traction for Loaders

- Wide aggressive tread design for excellent handling, outstanding traction and lateral adhesion
- Robust shoulder and enhanced sidewall offer great resistance to damage and aggression
- Tough casing construction for enhanced impact and cut resistance support

TB516 L-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
17.5R25	★	10	5	53.1	17.5	34	27	14.00/1.5	15700/73
17.5R25	★★	10	5	53.1	17.5	34	27	14.00/1.5	18700/94
20.5R25	★	10	5	58.8	20.5	37.8	30	17.00/2.0	20900/73
20.5R25	★★	10	5	58.8	20.5	37.8	30	17.00/2.0	25400/94
23.5R25	★	10	5	63.7	23.5	40.3	32	19.50/2.5	26800/73
23.5R25	★★	10	5	63.7	23.5	40.3	32	19.50/2.5	32000/94
26.5R25	★	10	5	68.9	26.5	44.1	35	22.00/3.0	33100/73
26.5R25 E-3/L-3	★★	10	5	68.9	26.5	44.1	35	22.00/3.0	40800/94
29.5R25	★★	10	5	73.8	29.5	47.9	38	25.00/3.5	49400/94
29.5R29	★★	10	5	77.8	29.5	47.9	38	25.00/3.5	52000/94



TL528 L-3

Excellent Traction Radial Tire with Outstanding Performance on Soft Muddy Terrain

- Open lug design for excellent traction and maneuverability
- Unique tread pattern for enhanced self-cleaning performance
- Tough construction for enhanced impact resistance

LOADER AND DOZER

Pattern description



Tough construction for enhanced impact resistance



Unique tread pattern for enhanced self-cleaning performance



Open lug design for excellent traction and maneuverability

TL528 L-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
23.5R25	★	10	5	63.7	23.5	50.4	40	19.50/2.5	26800/73
23.5R25	★★	10	5	63.7	23.5	50.4	40	19.50/2.5	32000/94



TB516 PRO E-3/L-3

Radial Tire with
Excellent Durability

- Optimized casing line for Loader application
- Improved belt construction for better durability

TB516 PRO E-3/L-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)	RIM	LOAD/PRESSURE (LBS/PSI)
23.5R25	★★	10	5	63.7	23.5		19.50/2.5	32000/94
29.5R25	★★	10	5	73.8	29.5		25.00/3.5	49400/94



TB598 E-3/L-3

Excellent Traction Radial with Exceptional Reliability For Loaders

- Aggressive self-cleaning tread pattern for excellent traction, flotation and long tread life
- Rugged shoulder design for enhanced sidewall protection
- Unique compound for long tread life and efficient fuel economy
- Tough casing construction for enhanced impact and penetration resistance



TB598S L-4

Radial Tire Providing Excellent Reliability

- Aggressive self-cleaning tread pattern for excellent traction, flotation and long tread life
- Rugged shoulder design for enhanced sidewall protection
- Unique compound for long tread life and efficient fuel economy
- Tough casing construction for enhanced impact and penetration resistance

LOADER AND DOZER

Pattern description



Aggressive self-cleaning tread pattern for excellent traction, flotation and long tread life



Rugged shoulder design for enhanced sidewall protection

TB598 E-3/L-3

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
600/65R25	★★	10	5	55.7	23.9	42.8	34	19.50/2.5	26800/91
650/65R25	★★	10	5	58.3	25.4	47.9	38	19.50/2.5	30900/91
750/65R25 L-3	★★	10	5	63.4	29.7	52.9	42	24.00/3.0	40800/91
775/65R29 L-3	★★	10	5	68.7	30.4	55.4	44	24.00/3.5	45400/91
875/65R29 L-3	★★	10	5	73.5	34.2	63	50	28.00/3.5	56800/91
23.5R25	★★	10	5	63.7	23.5	44.1	35	19.50/2.5	32000/94
26.5R25	★★	10	5	68.9	26.5	46.6	37	22.00/3.0	40800/94
29.5R25	★★	10	5	73.8	29.5	51.7	41	25.00/3.5	49400/94

TB598S L-4

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
23.5R25	★★	10	5	64.2	23.8	59.2	47	19.50/2.5	32000/94
26.5R25	★★	10	5	69.5	26.8	68	54	22.00/3.0	40800/94
26.5R25	★★★	10	5	69.5	26.8	68	54	22.00/3.0	46750/116
29.5R25	★★	10	5	73.6	29.9	71.8	57	25.00/3.5	49400/94
875/65R29	★★	10	5	73.8	34.6	73.6	59	27.00/3.5	56800/91
875/65R29	★★★	10	5	73.8	34.6	73.6	59	27.00/3.5	68000/116



TL578S

E-4/L-4

Excellent Durability for Loaders in Tough Condition

- Special open shoulder design for excellent heat emission
Wide grooves provide excellent traction
- Big lug blocks offer long tire life
- Strong shoulder design for reduced side scratch risks

TL578S

E-4/L-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
29.5R25 L-4	★★★	10	5	73.6	29.9	75.6	60	25.00/3.5	56780/116
29.5R25	★★★★/★★★★			73.6	29.9	75.6	60	25.00/3.5	
29.5R29 L-4	★★★	10	5	78.1	30.4	73	58	25.00/3.5	60070/116
29.5R29	★★★★/★★★★			78.1	30.4	73	58	25.00/3.5	
35/65R33 L-4	★★★	10	5	79.3	35.1	76.9	61	28.00/3.5	71500/116
35/65R33	★★★★/★★★★			79.3	35.1	76.9	61	28.00/3.5	

LOADER AND DOZER



TL538S

PRO E-4/L-4

Excellent Traction for Loaders in Tough Condition

- Aggressive open tread pattern for excellent grip and powerful traction
- Uniform groove depth for outstanding traction throughout the life of the tire
- Rugged shoulder design for enhanced stability and improved sidewall protection

TL538S

PRO E-4/L-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
23.5R25	★★	10	5	68.1	26.9	74	59	19.50/2.5	32000/94
26.5R25	★★	10	5					22.00/3.0	40800/94
29.5R25	★★	10	5					25.00/3.5	49400/94



TL538S+ L-5

Excellent Traction for Loaders in Tough Condition

- Aggressive open tread pattern for excellent grip and powerful traction
- Uniform groove depth for outstanding traction throughout the life of the tire
- Rugged shoulder design for enhanced stability and improved sidewall protection

TL538S+ L-5



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
20.5R25	★	10	5	61	20.5	88.2	70	17.00/2.0	20900/73
20.5R25	★★	10	5	61	20.5	88.2	70	17.00/2.0	25400/94
23.5R25	★	10	5	65.9	23.5	97	77	19.50/2.5	26800/73
23.5R25	★★	10	5	65.9	23.5	97	77	19.50/2.5	32000/94
26.5R25	★	10	5	70.8	26.5	108.3	86	22.00/3.0	33100/73
26.5R25	★★	10	5	70.8	26.5	108.3	86	22.00/3.0	40800/94
29.5R25	★★	10	5	75.6	29.5	118.4	94	25.00/3.5	49400/94

LOADER AND DOZER



TL535S+ L-5

Robust Radial Tire for Severe Conditions

- Excellent traction pattern design for grip
- Extra deep tread to prevent cut and chipping damage
- Good handling and stability

TL535S+ L-5



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
35/65R33	★★	10	5	81.8	35	119.7	95	28.00/3.5	61500/94
35/65R33	★★★	10	5	81.8	35	119.7	95	28.00/3.5	71500/116



TL559S+ L-5

Robust Radial Tire for Severe Conditions

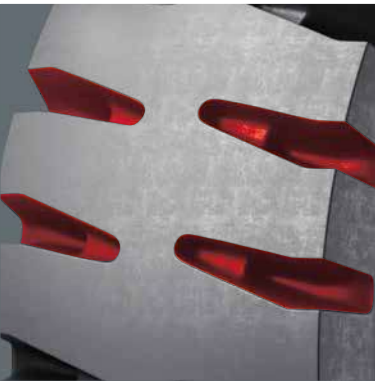
- Extra deep tread for long tread life and enhanced traction and flotation
- Massive buttressed shoulders for enhanced resistance to damage
- Unique compound and heavy duty casing for extra protection

LOADER AND DOZER

Pattern description



Excellent traction pattern design for grip



Reinforced sidewall for protection and longer tire life

TL559S+ L-5

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
17.5R25	★★	10	5	55.1	17.5	81.9	65	14.00/1.5	18700/94
20.5R25	★★	10	5	61	20.5	93.2	74	17.00/2.0	25400/94
20.5R25	★★★	10	5	61	20.5	93.2	74	17.00/2.0	29100/116
23.5R25	★★	10	5	65.9	23.5	103.3	82	19.50/2.5	32000/94
23.5R25	★★★	10	5	65.9	23.5	103.3	82	19.50/2.5	37500/116
26.5R25	★★	10	5	70.8	26.5	113.4	90	22.00/3.0	40800/94
26.5R25	★★★	10	5	70.8	26.5	113.4	90	22.00/3.0	46750/116
29.5R25	★★	10	5	75.6	29.5	124.7	99	25.00/3.5	49400/94
29.5R25	★★★	10	5	75.6	29.5	124.7	99	25.00/3.5	56780/116



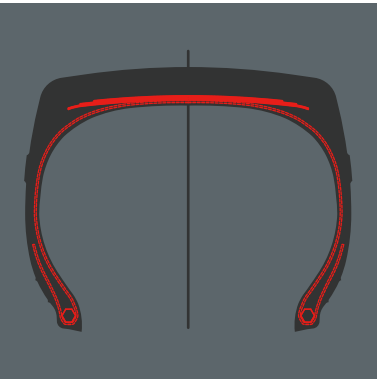
Pattern description



Super extra deep tread depth offers excellent wear



Unique compound for long tread life and advanced cut resistance



Tough casing construction for enhanced impact and cut resistance support

TSMS+ PRO L-5S

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
20.5R25	★★	10	5	61	20.5	94.5	75	17.00/2.0	25400/94
23.5R25	★★	10	5	65.9	23.5	107	85	19.50/2.5	32000/94



TSMS+ PRO L-5S

Robust Radial Tire for Severe Conditions

- Super extra deep tread depth offers excellent wear
- Smooth tread design eliminates tearing, delivers smooth ride and longer wear
- Unique compound for long tread life and advanced cut resistance
- Radial construction improves treadwear and cool running
- Tough casing construction for enhanced impact and cut resistance support

GRADER RADIAL TIRES



GRADER

G-2



TB596



TB595



TB515



TB536



TB596 G-2

All-season Radial Tire with Exceptional Traction on Snow and Ice Surfaces

- Aggressive lug design with intensive sipes offers maximum handling in snow and ice conditions
- Wide, non-directional tread pattern for all-season use
- Unique compound to improve treadwear
Tough construction for enhanced tread life

TB596 G-2



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R24	★	40	25	53.9	14.8	31.5	25	10.00VA	8050/54
17.5R25	★	40	25	53.1	17.5	35.3	28	14.00/1.5	8050/44
20.5R25	★	40	25	58.8	20.5	39.1	31	17.00/2.0	10200/44
23.5R25	★	40	25	63.7	23.5	42.8	34	19.50/2.5	13200/44

GRADER



TB595 G-2

All-season Radial Tire with Exceptional Traction on Snow and Ice Surfaces

- Big block design for increased tire life
- Lateral shoulder blocks design for good snow traction
- Special compound and sipes for good handling in winter

TB595 G-2



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R24	★	40	25	53.9	14.8	31.5	25	10.00VA	8050/54
17.5R25	★	40	25	53.1	17.5	35.3	28	14.00/1.5	8050/44
20.5R25	★	40	25	58.8	20.5	39.1	31	17.00/2.0	10200/44



TB515 G-2

Radial Tire with Outstanding Traction for Applications on Uneven Terrain

- Non-directional aggressive tread design delivers exceptional traction and stability
- Deep non-skid for long tread life
- Shoulder and sidewall intersection offer enhanced resistance to damage

TB515 G-2



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R24	★	40	25	53.9	14.8	31.5	25	10.00VA	8050/54
17.5R25	★	40	25	53.1	17.5	34	27	14.00/1.5	8050/44
20.5R25	★	40	25	58.8	20.5	37.8	30	17.00/2.0	10200/44

GRADER



TB536 G-2

Traction Radial Tire for Applications on Uneven Terrain

- Non-directional aggressive tread design delivers outstanding traction and stability
- Unique compound for enhanced cut resistance and long tread life
- Tough radial construction for cooler running and comfortable ride

TB536 G-2



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R24	★	40	25	53.9	14.8	31.5	25	10.00VA	8050/54

UNDERGROUND MINING RADIAL TIRES



UNDERGROUND MINING

E-4



TL558S

**E-4/L-4
SH-4**



TL578S

L-5



TL559S+

L-5S



TSMS+



TSMS+ PRO



TL558S E-4

- Deeper tread for long wear and enhanced traction
- Unique compound for long tread life and advanced tear resistance
- Radial construction improves treadwear and softer ride

TL558S E-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
16.00R25	★★★	10	5	61	17	64.3	51	11.25/2.0	29100/131
18.00R25	★★★	10	5	65.9	19.6	68	54	13.00/2.5	37500/131

UNDERGROUND MINING



TL578S E-4/L-4 SH-4

- Special open shoulder design for excellent heat emission
- Wide grooves provide excellent traction
- Big lug blocks offer long tire life
- Strong shoulder design for reduced side scratch risks

TL578S E-4/L-4 SH-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
29.5R25	★★★★/★★★★	40	25	73.6	29.9	75.6	60	25.00/3.5	50700/116
29.5R25 SH-4	★★★★	40	25	73.6	29.9	75.6	60	25.00/3.5	50700/116
29.5R29	★★★★/★★★★	40	25	78.1	30.4	73	58	25.00/3.5	53580/116
29.5R29 SH-4	★★★★	40	25	78.1	30.4	73	58	25.00/3.5	53580/116
35/65R33	★★★★/★★★★			79.3	35.1	76.9	61	28.00/3.5	
35/65R33 SH-4	★★★★	40	25	79.3	35.1	76.9	61	28.00/3.5	63800/116



TL559S+ L-5

- Extra deep tread for long tread life and enhanced traction and flotation
- Massive buttressed shoulders for enhanced resistance to damage
- Unique compound and heavy duty casing for extra protection
- Tough casing construction for enhanced impact and cut resistance support

UNDERGROUND MINING

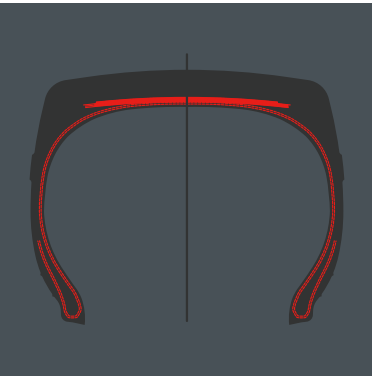
Pattern description



Extra deep tread for long tread life and enhanced traction and flotation



Massive buttressed shoulders for enhanced resistance to damage



Tough casing construction for enhanced impact and cut resistance support

TL559S+ L-5

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
20.5R25	★★★	10	5	61	20.5	93.2	74	17.00/2.0	29100/116
23.5R25	★★★	10	5	65.9	23.5	103.3	82	19.50/2.5	37500/116
26.5R25	★★★	10	5	70.8	26.5	113.4	90	22.00/3.0	46750/116
29.5R25	★★★	10	5	75.6	29.5	124.7	99	25.00/3.5	56780/116



TSMS+ L-5S

Smooth Super Extra Tread
Radial Loader Tire
for Severe Operating Conditions

- Optimized case line for better wear and longer life for underground application

TSMS+ PRO L-5S

Smooth Super Extra Tread
Radial Loader Tire
for Severe Operating Conditions

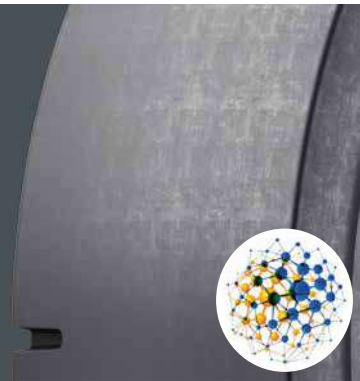
- Super extra deep tread depth offers excellent wear
- Smooth tread design eliminates tearing, delivers smooth ride and longer wear
- Unique compound for long tread life and advanced cut resistance
- Radial construction improves treadwear and cool running
- Tough casing construction for enhanced impact and cut resistance support

UNDERGROUND MINING

Pattern description



Super extra deep tread depth offers excellent wear



Unique compound for long tread life and advanced cut resistance



Tough casing construction for enhanced impact and cut resistance support

TSMS+ L-5S

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
17.5R25	★★★	10	5	55.1	17.5	79.4	63	14.00/1.5	22000/116
18.00R25	★★★	10	5	65.9	19.6	100.8	80	13.00/2.5	37700/131

TSMS+ PRO L-5S

SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
17.5R25	★★★	10	5	55.1	17.5	79.4	63	14.00/1.5	22000/116
18.00R25	★★★	10	5	65.9	19.6	100.8	80	13.00/2.5	37700/131
29.5R29	★★★	10	5	79.6	29.5	132.3	105	25.00/3.5	60070/116
35/65R33	★★★	10	5	81.8	35	124.7	99	28.00/3.5	71500/116

MOBILE CRANE RADIAL TIRES



MOBILE CRANE

E-2



TB576



TB586



TB589



TB576 E-2

- Straight rib design gives good comfort for high speed application
- Longitudinal shoulder design provides good traction and ensure even wear
- Innovatively designed crown with a stepped stone ejection groove preventing stone pinching and improve the traction
- Reinforced ribs connecting with circumferential blocks ensure the overall performance on highway

MOBILE CRANE

Pattern description



Longitudinal shoulder design provides good traction and ensure even wear



Innovatively designed crown with a stepped stone ejection groove preventing stone pinching and improved traction



Reinforced ribs connecting with circumferential blocks ensure the overall performance on highway

TB576 E-2

SIZE	LISS	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
385/95R24	170F	80	50	53.9	14.9	29	23	10.00W	13200/131
385/95R25	170F	80	50	53.9	14.9	29	23	10.00/1.5	13200/131
385/95R25	170G	90	55	53.9	14.9	29	23	10.00/1.5	13200/131
445/95R25	174F	80	50	58.8	17	31.5	25	11.25/2.0	14800/131
525/80R25	176F	80	50	58.1	20.9	35.3	28	17.00/2.0	15700/102



TB586 E-2

High Speed Mobile Crane Tire for On and Off Highway Applications

- Aggressive and self-cleaning tread design for outstanding traction in tough off-road conditions
- Unique compound and tread design offers high-speed capability while minimizing fuel consumption
- Radial construction improves treadwear and ride comfort

TB586 E-2



SIZE	LISS	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
385/95R24	170F	80	50	53.9	14.9	29	23	10.00W	13200/131
385/95R25	170F	80	50	53.9	14.9	29	23	10.00/1.5	13200/131
445/95R25	177E	70	43	58.8	17	30.2	24	11.25/2.0	16100/131
445/95R25	174F	80	50	58.8	17	30.2	24	11.25/2.0	14800/131

MOBILE CRANE



TB589 E-2

High Speed Mobile Crane Tire for On and Off Highway Applications

- Aggressive tread design for outstanding traction
- Unique compound and tread design offers high-speed capability while minimizing fuel consumption
- Radial construction improves treadwear and ride comfort

TB589 E-2



SIZE	LISS	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
18.00R25	186E	70	45	63.7	19.6	26.5	21	13.00/2.5	20900/131



SCRAPER RADIAL TIRES



SCRAPER

E-3



TL568+



TL568+ E-3

Radial Tire for
Scrapers with Enhanced Traction

- Open tread design with large blocks for outstanding traction
- Enhanced shoulder for improved protection in tough environments
- Special fomulated tread compound for long tread life
- Tough construction for enhanced impact and cut resistance support

TL568+ E-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
33.25R29	★★	50	30	82.3	33.3	55.4	44	27.00/3.5	40800/76

INDUSTRIAL AND PORT RADIAL TIRES



INDUSTRIAL AND PORT

E-2



TB536

E-3



TB516

IND-4



TL558S



TB536 E-2

- Non-directional aggressive tread design delivers outstanding traction and stability
- Unique compound for enhanced cut resistance and long tread life
- Tough radial construction for cooler running and comfortable ride

TB536 E-2



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
14.00R25	★★★	50	30	53.9	14.8	31.5	25	10.00/1.5	12760/102



TB516 E-3

- Wide aggressive tread design for excellent handling, outstanding traction and lateral adhesion
- Robust shoulder and enhanced sidewall offer great resistance to damage and aggression
- Tough casing construction for enhanced impact and cut resistance support

TB516 E-3



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
26.5R25	★★RF	10	5	68.9	26.5	44.1	35	22.00/3.0	42110/116

INDUSTRIAL AND PORT



TL558S IND-4

- Deeper tread for long wear and enhanced traction
- Unique compound for long tread life and advanced tear resistance
- Radial construction improves treadwear and softer ride

TL558S IND-4



SIZE	STAR RATING	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		RIM	LOAD/PRESSURE (LBS/PSI)
16.00R25	★★★	10	5	61	17	64.3	51	11.25/2.0	29100/131
18.00R25	★★★	10	5	65.9	19.6	68	54	13.00/2.5	37500/131

LOADER AND DOZER BIAS TIRES



L-3



TL612



TL612_{L-3}

- Wide tread width improves mobility and offers a more comfortable ride
- Unique compound to improve overall treadwear and cost per hour
- Tough construction for enhanced impact resistance

LOADER AND DOZER

Pattern description



Wide tread width improves mobility and offers a more comfortable ride



Unique compound to improve overall treadwear and cost per hour

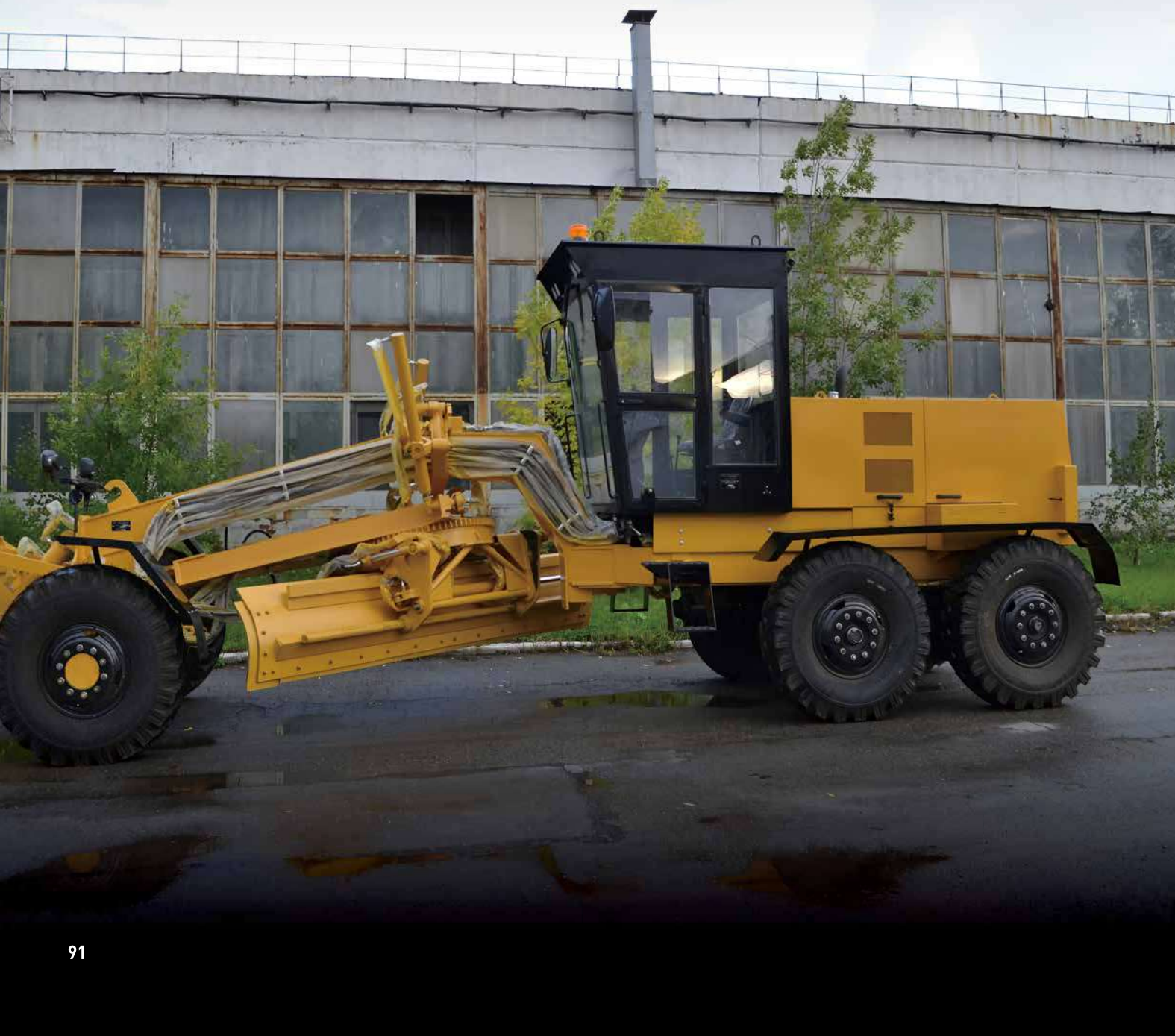


Tough construction for enhanced impact resistance

TL612_{L-3}

SIZE	PR	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		TUBE	RIM	LOAD/PRESSURE (LBS/PSI)
17.5-25	12PR	10	5	53.08	17.50	32.13	25.5	TL	14.00/1.5	13600/51
17.5-25	12PR	10	5	53.08	17.50	32.76	26	TT	14.00/1.5	13600/51
17.5-25	16PR	10	5	53.08	17.50	32.13	25.5	TL	14.00/1.5	16100/69
17.5-25	16PR	10	5	53.08	17.50	32.76	26	TT	14.00/1.5	16100/69
20.5-25	16PR	10	5	58.76	20.50	35.91	28.5	TL	17.00/2.0	18200/51
20.5-25	16PR	10	5	58.76	20.50	36.54	29	TT	17.00/2.0	18200/51
20.5-25	20PR	10	5	58.76	20.50	35.91	28.5	TL	17.00/2.0	20900/65
20.5-25	20PR	10	5	58.76	20.50	36.54	29	TT	17.00/2.0	20900/65
23.5-25	16PR	10	5	63.68	23.50	39.69	31.5	TL	19.50/2.5	20900/44
23.5-25	16PR	10	5	63.68	23.50	40.31	32	TT	19.50/2.5	20900/44
23.5-25	20PR	10	5	63.68	23.50	39.69	31.5	TL	19.50/2.5	24000/54
23.5-25	20PR	10	5	63.68	23.50	40.31	32	TT	19.50/2.5	24000/54
26.5-25	20PR	10	5	70.78	26.50	68.03	54	TL	22.00/3.0	29100/51
26.5-25	28PR	10	5	70.78	26.50	68.03	54	TL	22.00/3.0	34200/69

GRADER BIAS TIRES



GRADER

L-2



TL508

L-3



TL612



TL508 L-2

- Non-directional aggressive tread design delivers outstanding traction and stability
- Unique compound for enhanced cut resistance and long tread life
- Tough radial construction for cooler running and comfortable ride

TL508 L-2



SIZE	PR	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		TUBE	RIM	LOAD/PRESSURE (LBS/PSI)
15.5-25	12PR	40	25	50.3	15.50	31.50	25	TL	12.00/1.3	5840/36

GRADER



TL612 L-3

Excellent Value, Multi-use Bias Tire for Rough Terrain

- Wide tread width improves mobility and offers a more comfortable ride
- Unique compound to improve overall treadwear and cost per hour
- Tough construction for enhanced impact resistance

TL612 L-3



SIZE	PR	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)		TUBE	RIM	LOAD/PRESSURE (LBS/PSI)
17.5-25	16PR	10	5	5	17.50	32.76	26	TT	14.00/1.5	16100/69
17.5-25	16PR	10	5	5	17.50	32.13	25.5	TL	14.00/1.5	16100/69
17.5-25	12PR	10	5	5	17.50	32.76	26	TT	14.00/1.5	13600/51
17.5-25	12PR	10	5	5	17.50	32.13	25.5	TL	14.00/1.5	13600/51
14.00-24	24PR	50	30	30	14.75	37.80	30	TT	10.00VA(SDC)	11400/83
14.00-24	16PR	50	30	30	14.75	37.80	30	TT	10.00VA(SDC)	8800/54

INDUSTRIAL AND PORT BIAS TIRES



INDUSTRIAL AND PORT

E-3



TL612



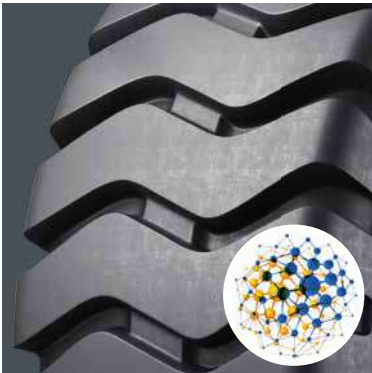
TL612 E-3

- Wide tread width improves mobility and offers a more comfortable ride
- Unique compound to improve overall treadwear and cost per hour
- Tough construction for enhanced impact resistance

Pattern description



Wide tread width improves mobility and offers a more comfortable ride



Unique compound to improve overall treadwear and cost per hour

TL612 E-3

SIZE	PR	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)	TUBE	RIM	LOAD/PRESSURE (LBS/PSI)
20.5-25	28PR	10	5	58.76	20.50	36.54 29	TL	17.00/2.0	25400/91
29.5-25	34PR	10	5	73.76	29.50	54.17 43	TL	25.00/3.5	44100/76

DESERT BIAS TIRES



DESERT

E-7



TR139



TR139 E-7

Mobility Tire for Use in Soft, Fine Grain Sand

- Even wear rib design for minimum sinkage and adequate traction
- Unique compound for enhanced performance
- Tough construction for robust support in all wheel positions

TR139 E-7



SIZE	PR	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32NDS) (MM)	TUBE	RIM	LOAD/PRESSURE (LBS/PSI)
21.00-25	16PR	65	40	66.40	22.50	20.16 16	TL	15.00/3.0	12800/35

COMPACTOR BIAS TIRES

COMPACTOR

E-7



TB822





TB822 E-7

Mobility Tire for Use in Soft, Fine Grain Sand

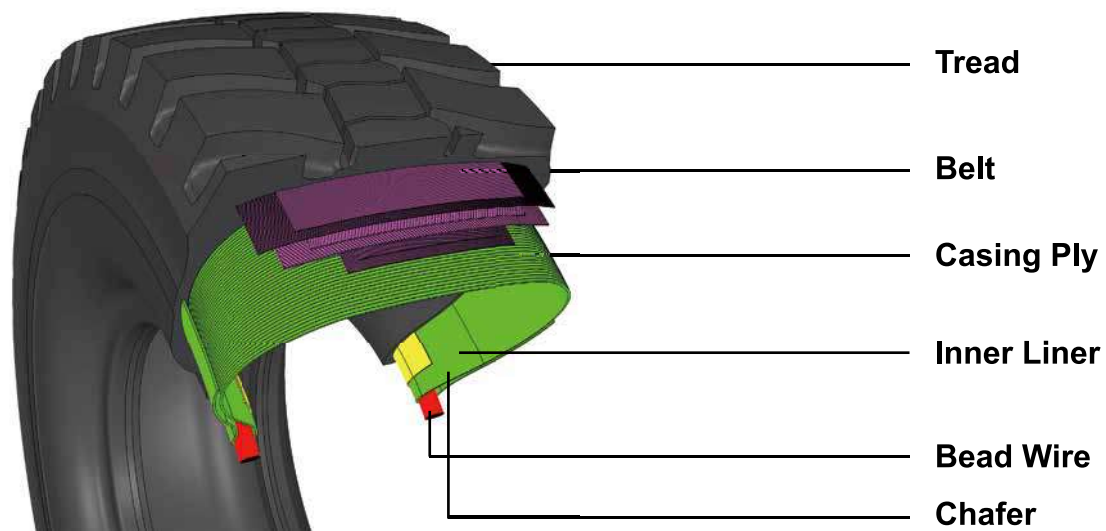
- All purpose tread design for a balance of traction and even wear
- Foot print offers smooth and comfortable ride
- Tough construction for robust support in all wheel positions

TB822 E-7

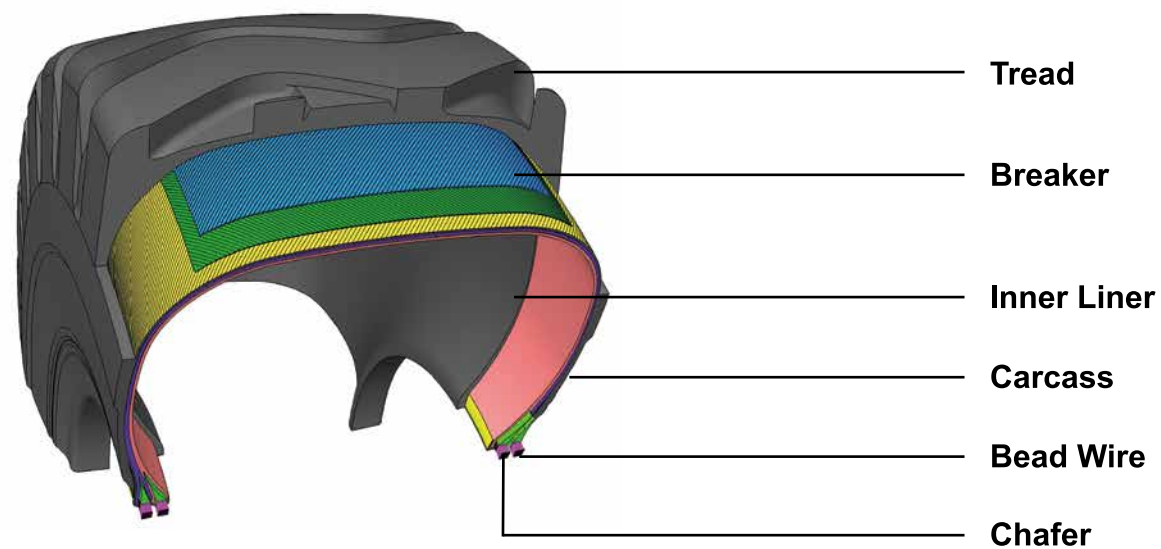


SIZE	PR	MAX SPEED (KM/H)	MAX SPEED (MPH)	OVERALL DIAMETER (INCH)	SECTION WIDTH (INCH)	TREAD DEPTH (32ND5) (MM)		TUBE	RIM	LOAD/PRESSURE (LBS/PSI)
23.1-26	8PR	15	10	59.06	23.10	18.90	15	TT	DW20	8800/20
23.1-26	12PR	15	10	59.06	23.10	18.90	15	TT	DW20	11400/29
23.1-26	14PR	15	10	59.06	23.10	18.90	15	TT	DW20	12300/33

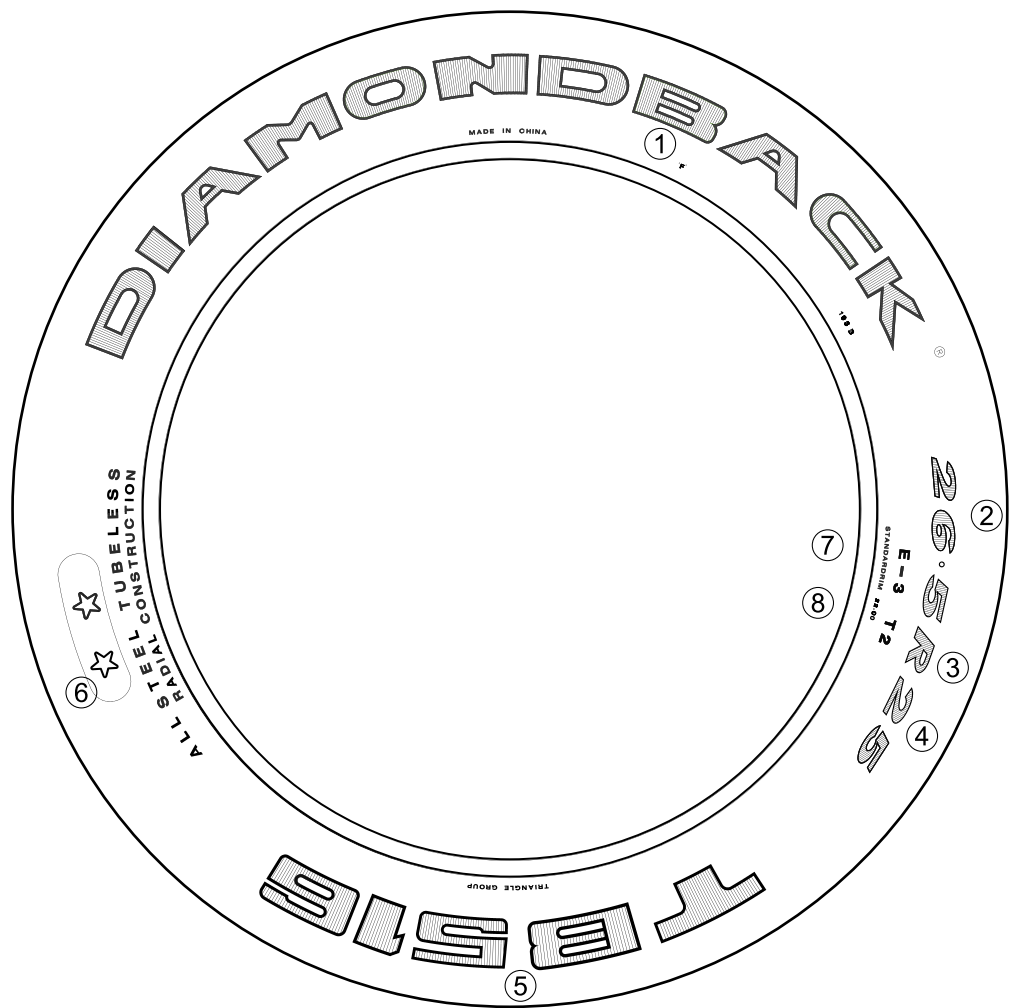
OFF-THE ROAD RADIAL TIRE (ORR)



OFF-THE ROAD BIAS TIRE (ORS)



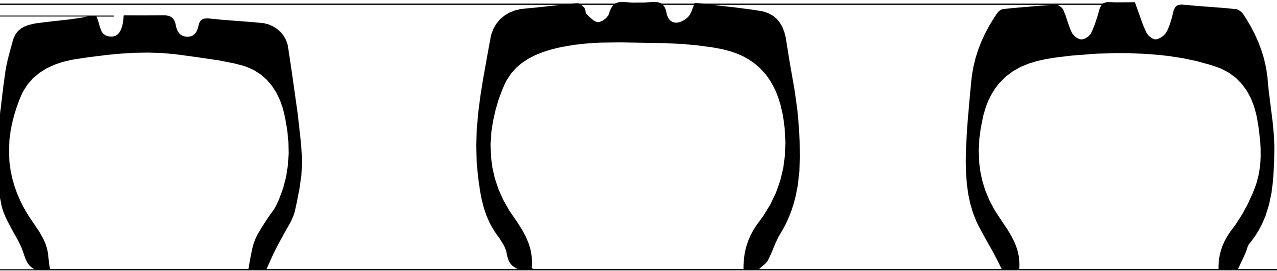
Tire Markings



- ① Up/Bottom side:M/F
- ② Tire series: section width = 26.5
- ③ Radial structure:R
- ④ Rim diameter(in inches):25
- ⑤ Tread pattern:TB516
- ⑥ Load capability:★★
- ⑦ Industry code: E-3
- ⑧ Tire compound:T2

Different Tread Depth

According to the classification of different tread depth, there are three series that can be chosen by their use of conditions.



Normal Tread
E2-E3-L2-L3-G2
100% design depth

Deep Tread
E4-L4-IND4
150% design depth

Extra Deep Tread
L5
250% design depth

Different Types Of Machinery

CODE	APPLICATION
C	Compactor
E	Transport
L	Loader and Bulldozer
G	Grader
IND	Industrial Vehicle

Tread Pattern

INDEX	PATTERN
1	RIBBED
2	TRACTION
3	ROCK
4	ROCK(deep tread)
5	ROCK(very-deep tread)
7	FLOTATION
S	SMOOTH

Application

CODE	TREAD PATTERN	APPLICATION
C1	SMOOTH	Compactor 
E2	TRACTION	 Transport
E3	ROCK	
E4	ROCK(deep tread)	
E7	FLOTATION	
L2	TRACTION	 Loader and Bulldozer
L3	ROCK	
L4	ROCK(deep tread)	
L5	ROCK(very-deep tread)	
L4S	SMOOTH(deep tread)	
L5S	SMOOTH(very-deep tread)	 Grader
G2	TRACTION	
IND3	ROCK	 Industrial Equipment
IND4	ROCK(deep tread)	
IND5	ROCK(very-deep tread)	

Load Index - Speed Symbol

LOAD INDEX (LI) AND MAXIMUM LOAD (KG/LB)

The LOAD INDEX is a numerical code which indicates the maximum load a tire can carry at the speed corresponding to its speed symbol, under specified conditions.

LI	MAXIMUM LOAD		LI	MAXIMUM LOAD		LI	MAXIMUM LOAD		LI	MAXIMUM LOAD		LI	MAXIMUM LOAD	
	KG	LB		KG	LB		KG	LB		KG	LB		KG	LB
120	1400	3090	150	3350	7390	180	8000	17640	210	19000	41890	240	45000	99210
121	1450	3200	151	3450	7610	181	8250	18190	211	19500	43000	241	46250	101960
122	1500	3310	152	3550	7830	182	8500	18740	212	20000	44100	242	47500	104720
123	1550	3420	153	3650	8050	183	8750	19290	213	20600	45420	243	48750	107470
124	1600	3530	154	3750	8270	184	9000	19840	214	21200	46750	244	50000	110250
125	1650	3640	155	3875	8540	185	9250	20390	215	21800	48070	245	51500	113540
126	1700	3750	156	4000	8820	186	9500	20940	216	22400	49390	246	53000	117950
127	1750	3860	157	4125	9090	187	9750	21500	217	23000	50700	247	54500	120150
128	1800	3970	158	4250	9370	188	10000	22050	218	23600	52040	248	56000	123480
129	1850	4080	159	4375	9650	189	10300	22710	219	24300	53580	249	58000	127890
130	1900	4190	160	4500	9920	190	10600	23370	220	25000	55120	250	60000	132300
131	1950	4300	161	4625	10200	191	10900	24030	221	25750	56780	251	61500	135580
132	2000	4410	162	4750	10470	192	11200	24690	222	26500	58430	252	63000	138890
133	2060	4540	163	4875	10750	193	11500	25360	223	27250	60070	253	65000	143300
134	2120	4670	164	5000	11020	194	11800	26020	224	28000	61740	254	67000	147710
135	2180	4810	165	5150	11350	195	12150	26790	225	29000	63940	255	69000	152120
136	2240	4940	166	5300	11690	196	12500	27560	226	30000	66150	256	71000	156530
137	2300	5070	167	5450	12020	197	12850	28330	227	30750	67790	257	73000	160930
138	2360	5200	168	5600	12350	198	13200	29100	228	31500	69460	258	75000	165340
139	2430	5360	169	5800	12790	199	13600	29990	229	32500	71660	259	77500	170660
140	2500	5510	170	6000	13230	200	14000	30870	230	33500	73870	260	80000	176400
141	2575	5680	171	6150	13560	201	14500	31970	231	34500	76070	261	82500	181880
142	2650	5840	172	6300	13890	202	15000	33070	232	35500	78280	262	85000	187390
143	2725	6010	173	6500	14330	203	15500	34180	233	36500	80480	263	87500	192900
144	2800	6170	174	6700	14770	204	16000	35280	234	37500	82690	264	90000	198450
145	2900	6390	175	6900	15210	205	16500	36380	235	38750	85430	265	92500	203920
146	3000	6610	176	7100	15650	206	17000	37480	236	40000	88200	266	95000	209440
147	3075	6780	177	7300	16090	207	17500	38590	237	41250	90940	267	97500	214950
148	3150	6950	178	7500	16530	208	18000	39690	238	42500	93710	268	100000	220500
149	3250	7170	179	7750	17090	209	18500	40790	239	43750	96470	269	103000	227370

Speed Symbols

The SPEED SYMBOL indicates the maximum speed at which the tire can carry a load corresponding to its load index,under specified conditions.

CODE	A1	A2	A3	A4	A5	A6	A8	B	C	D	E	F	G
Speed(km/h)	5	10	15	20	25	30	40	50	60	65	70	80	90
Speed(mph)	3	5	9	12	15	20	25	30	35	40	45	50	55

Examples of Tire marking:

17.5R25 TB516 170 A2: this tire is able to carry 7100kg at a maximum speed of 10 km/h (15650 lb at 5 mph).
385/95R25 TB576 170 F: this tire is able to carry 6000kg at a maximum speed of 80 km/h (13200 lb at 50 mph).

Equivalence Of Resistance Index

To be used as a reference for the replacement of a bias ply tire by a diamondback radial tire.

SIZE	TRANSPORT MACHINES PR	WORK MACHINES PR	SIZE	TRANSPORT MACHINES PR	WORK MACHINES PR	SIZE	TRANSPORT MACHINES PR	WORK MACHINES PR
13.00R25***	28	24	20.5R25*		24	24.00R35**	48	
14.00R24*		16	20.5R25**	28		35/65R33*		
14.00R24**			23.5R25*		28	750/65R25**		
14.00R25*			23.5R25**	32		750/65R25**		
14.00R25**			26.5R25*		32	775/65R29*		
14.00R25***	32		26.5R25**	32		775/65R29**		
16.00R25*			29.5R25*		34	875/65R29*		
16.00R25**	36		29.5R25**	34		875/65R29**		
16.00R25***			29.5R29*		34	27.00R49**	54	
17.5R25*		16	29.5R29**	40		33.00R51**		
17.5R25**	24	20	33.25R29*			36.00R51**	70	
18.00R25*		24	33.25R29**	44		37.00R57**		
18.00R25**	36		18.00R33**	40		40.00R57**	80	
18.00R25***			21.00R33**	44				
			21.00R35**	44				

Remarks

Sometimes, the actual payload in certain operation may exceed the standard. Then tire load may exceed the load rating above mentioned. When we have such overloading situation, cold inflation pressure must be increased to compensate the higher loads. For each 1% increase in load, 2% increase in inflation pressure is a must to avoid tire damage.

Tire performances may be greatly impacted by overloading. **Please contact Triangle technical staff to correctly using of tires.**

TKPH is an essential element for correctly choosing earth mover and mining tires. Heat builds up when these vehicles operate with heavy load and fast speed. Tire TKPH gives a safe range to avoid early durability issue.

Formula for Calculation of Operating TKPH

TKPH =

Mean Tire-Load

×

Average Work Shift Speed



Tire Load in ton
(Empty Work)

+



Tire Load in ton
(Loaded Work)

2



Round Trip
Distance in km

×



Number of Round
Trips per Shift

Total Working Hrs
per Shift

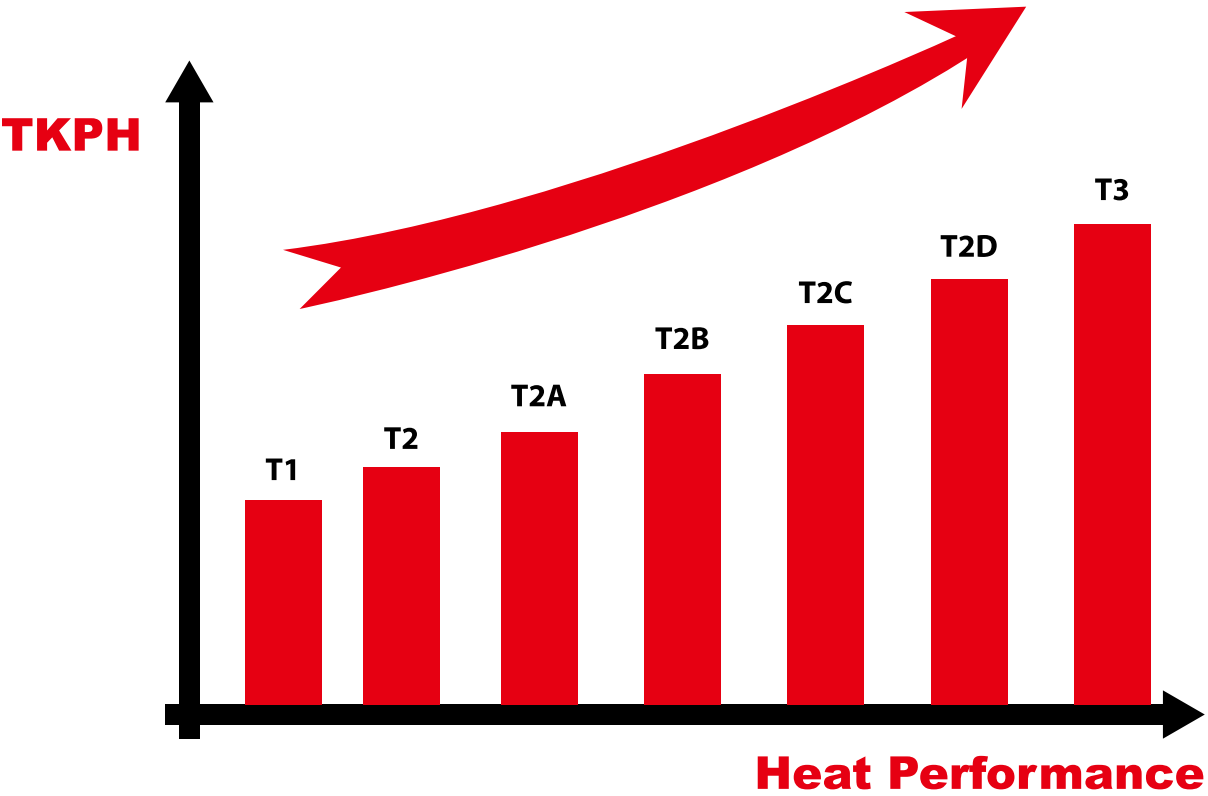
Tire TKPH varies on design of size, tread pattern, compound, environment temperature and trip distance, etc. High TKPH tire generates lower heat while sacrifice cut and wear performances.

Please contact Triangle technical staff for correct choosing of tires.

Different Diamondback OTR Tire Compounds

Tread compound and TKPH		
	Description	Characteristics(Speed/Wear/Temp)
T1	Ultra Cut Resistant	Slow speed/Longest Wear/Hot Running
T2/T2A/T2B	Cut Resistant	Slow Speed/Long Wear/Hot Running
T2C/T2D	Standard	Normal Speed/Medium Wear/Average Running
T3	Heat Resistant	High Speed/Faster Wear/Cooler Running

T1	Particularly resistant to wearing, cuts and tread tearing on very rough surfaces at low speed.
T2/T2A/T2B	Compromise solution between abrasion resistance and average speed with a higher heat resistance than T1 on rough surfaces.
T2C/T2D	Standard tire compounds between abrasion resistance and average speed with a higher heat resistance than T2A/T2B.
T3	Adapted to running on long cycles at high speeds on well-maintained roads.
T5	Special rubber compound for ice and snow.



Diamondback OTR SELECTION

A Size & Construction		B Tread Pattern		C Vehicle Type		D Tread Type		E Compound
Radial	23.5 R 25 **	TB598S	E 4	T3				
Bias	23.5 - 25 16PR	TL516	L 3					

A Tire Size/Construction	Load	Description
Radial	Star Rating (*, **, ***)	23.5R25**
Bias Ply	Ply Rating	23.5-25(20PR)

Refer Load/Inflation tables for full tire Load details associated with individual sizes.



See OTR Databook for full Pattern Options

C Industry Code(Vehicle Type)		
Code	Application(Vehicle Type)	Task Speed @ Distance
E	Earthmover (Rigid Dump Truck/ ATD-Articulated Dump Truck)	Up to 50km/h & 4km one way.
L	Loader(or Dozer)	Up to 10km/h & 76m one way.
G	Grader	Up to 40km/h & Continuous
C	Compactor	Up to 10km/h & Continuous

D Industry Code(Tread Requirement)?		
Code	Type	Tread Depth
1	Rib	Regular
2	Traction	Regular
3	Rock	Regular
4	Rock	Deep(150%)
5	Rock	Extra Deep(250%)
7	Flotation	Regular
S	Smooth	Varies(Eg:4S or 5S)

E Tread compound and TKPH		
Code	Description	Characteristics(Speed/Wear/Temp)
T1	Ultra Cut Resistant	Slow speed/Longest Wear/Hot Running
T2/T2A/T2B	Cut Resistant	Slow Speed/Long Wear/Hot Running
T2C/T2D	Standard	Normal Speed/Medium Wear/Average Running
T3	Heat Resistant	High Speed/Faster Wear/Cooler Running

Size	Pattern	Star Rating	Ind Code	Tread Depth		Performance Capability (TKPH)			
				32nds	mm	T1	T2A	T2	T3
21.00R35	TB526S	★ ★	E-4	75.6	60.0	195	220	250	299