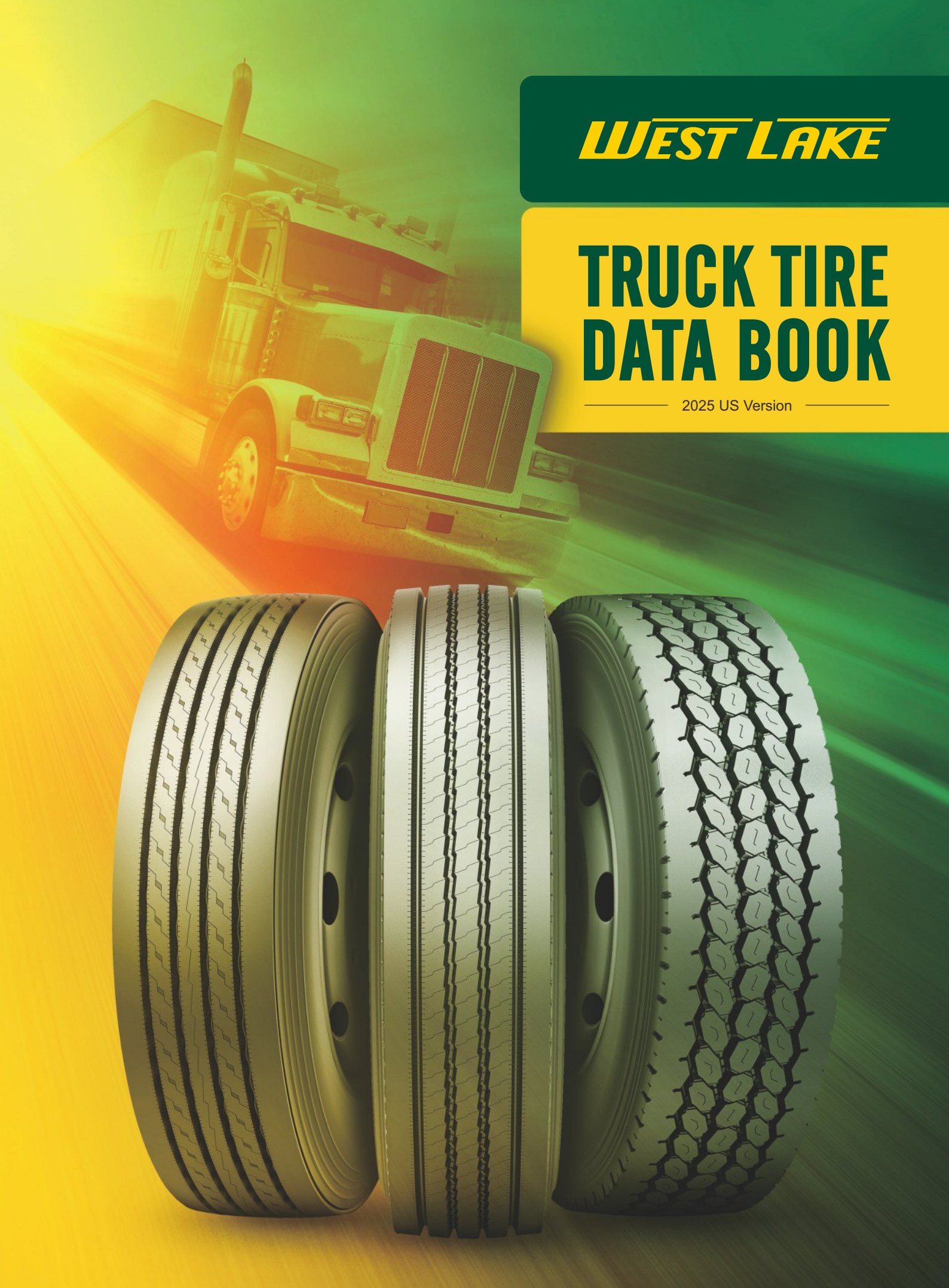




WEST LAKE

TRUCK TIRE DATA BOOK

2025 US Version



CONTENTS

TRUCK TIRE DATA BOOK

<i>Company Introduction</i>	03	<i>Application</i>	13	<i>General Technical Information</i>	33
<i>Global Branches & Subsidiaries</i>	05	<i>Availability</i>	15	<i>Load Inflation Chart</i>	41
<i>Strategic Cooperation</i>	07	<i>Long Haul</i>	17	<i>Retread Specifications</i>	43
<i>Why WESTLAKE?</i>	09	<i>Regional</i>	25	<i>Limited Warranty</i>	45
<i>Tire Technology</i>	11	<i>Mixed Service</i>	30		
		SL11 / DL21 / DL22 / DA25 / DL26 / TL31 / TL32			
		ZA12 / DA23 / ZA15 / DA24			
		ZM41 / ZM42			



TOP 9

No. 9 of Top 75 Global Tire Manufacturers



SINCE 1958

Established in Year 1958



30,000 EMPLOYEES

Support from Over 30,000 Employees



200 MARKETS

Trust from Customers Across More than 200 Markets

Zhongce Rubber Group Co., Ltd (ZC-Rubber) is a global tire company based in Hangzhou, China and was founded in 1958. Over our more than 60 years of history, we experienced continuous growth in quality and reputation to become the Top 10 tire manufacturer worldwide today.

Our engineers with our international R&D team focus on constant technological development and innovation spending millions of US dollars in research and development each year and upgrading our production and testing facilities. The ET Industrial Brain in the production process promises our smart production and guarantee tires with high quality, safety, and value with maximum efficiency.

We have formed an extensive global service network of about 1,200 distributors with 250,000 sales locations in 160 countries. Our subsidiaries in Thailand, Germany, Brazil, and the United States serve customers without any difference in time and language. We are dedicated to better support our suppliers, distributors, and customers through a one-stop service.

Safe and Value are always the key of our company. We take pride in the superior quality of our tire products and the first-rate services. We are still endeavoring to become one of the most respected tire manufacturers globally and craft a better future with all partners and friends.



Most Advanced
Equipment



Best
Raw Material



Leanest
Management



Latest
Technology



Least
Energy Consumption



Most Suitable
Products

COMPANY MISSION



**WE ARE COMMITTED TO
ADVANCING TOWARDS
FUTURE MOBILITY**

COMPANY VISION



**TO BE A GLOBAL LEADING
TIRE MANUFACTURER**



China Compulsory Certification



US DOT Certification



European E-MARK Certification



SNI Certification of Indonesia



BIS Certification of India



INMETRO Certification of Brazil



WEST LAKE



OFFICIAL TIRE OF ARSENAL FOOTBALL CLUB



OE CUSTOMERS



KEY ACCOUNTS



KEY SUPPLIERS





WEST LAKE

Why WESTLAKE ?

At WESTLAKE, we are dedicated to delivering exceptional value through our high-quality tire solutions, designed to meet the extreme demands of today's transport industry. Our tires offer longer mileage, greater retreadability, enhanced durability, and reduced fuel consumption, ensuring that fleets in Europe receive maximum value and efficiency.

Our commitment to continuous innovation in tire technology is at the core of our brand. We prioritize safety, ensuring that every tire we produce meets the highest standards of performance and reliability. This dedication not only enhances the safety of fleets but also contributes to significant cost savings.

Sustainability is a key pillar of our philosophy. We strive to create environmentally friendly products that reduce the carbon footprint and promote a greener future. As a reliable global supplier, WESTLAKE is trusted by fleets worldwide for our consistent quality and dependability.

Choose WESTLAKE for a tire partner that prioritizes safety, value, sustainability, and reliability, helping your fleet achieve optimal performance and cost efficiency in a rapidly evolving industry.



Pre-Strain Contour Theory (PSCT)

Minimized tire profile deformation



After more than 20 years of painstaking research, ZC Rubber TBR Research Center has finally successfully developed the Pre-strain Contour theory (PSCT) and four technologies derived from this theory with independent

intellectual property rights. In 2020, the newly launched ZC Rubber premium truck and bus tires based on the theories and technologies have been recognized by the market.

- Tire Simulation of Pre-stressing Force through FEA (Finite Elements Analysis)
- Simulation Iteration based on pre-set tire profile
- Minimized tire profile deformation when inflated

Pre-strain Contour Theory is a new truck and bus tire design theory developed by ZC Rubber. We conducted the simulation of real tire performance under different scenarios and conditions of various commercial vehicle

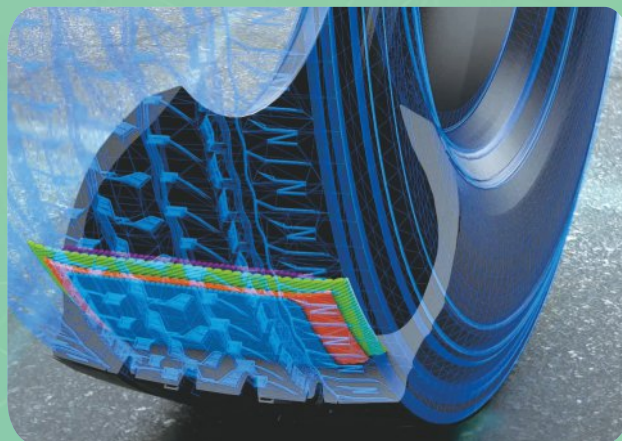
models. Based on the new theory and core technologies, the tire can achieve minimized profile deformation and heat generation when inflated and loaded, which greatly improves its tire life and overall performance.

BTCT

Belt Tension Control Technology (BTCT) - Enhanced tire life and durability

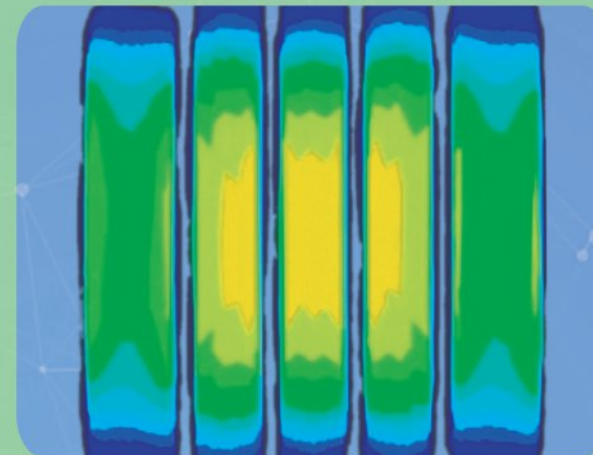
- Reduced shear force among steel belts
- Tension improved at the end of belts but reduced at the center
- Reduced deformation at the end of belts at high speed

BTCT means Belt Tension Control Technology. Based on PSCT, the shear force among steel belts is greatly reduced. It improves the tension at the end of belts but reduces the tension at the center, thus ensuring the minimized tire deformation at high speed. This features the crown with low heat generation and high strength, bringing a 20% improvement in durability and longer tire life.



PDOT

Pressure Distribution Optimization Technology (PDOT) - Longer mileage and higher fuel economy



- Optimized Tire Footprint and Better Contact Pressure Distribution
- Rectangular Footprint Shape for Even Pressure Distribution
- Reduced Tire Slipping in Cornering
- Improved Tire Life and Fuel Economy

The pressure distribution of the tire footprint affects fuel consumption and treadwear. PDOT is used to optimize the tire footprint and improve the contact pressure distribution. In a straight-line driving, the footprint maintains a rectangular shape for even pressure distributions; when cornering, it reduces slipping between the tire and the ground. This improves your tire life and fuel economy.

GSCT

Groove Strain-stress Control Technology (GSCT) - Less occurrence of groove cracking in driving

- Controllable Groove Pattern Shape When Inflated
- Uniform Distribution of Pattern Groove Bottom Stress for Lower Heat Generation
- Less Occurrence of Groove Cracking in Driving

Groove Strain-stress Control Technology can control the groove width change when the tire is inflated. This would reduce stress concentration in pattern groove bottom, thus reducing heat generation. It minimizes the occurrence of groove cracking and prolongs tire life.



SSHT

Shoulder Stiffness Hold Technology (SSHT) - Less uneven wear

- Less Uneven Wear of Tire Better Tire Inflation Profile through PSCT
- Reinforced Tire Sidewall
- Optimized Tire Footprint, Improved Contact Pressure Distribution and Reduced Heat Generation of Sidewall Deformation
- Less Uneven Wear of Tire

Shoulder Stiffness Hold Technology brings the tire inflation profile closer to the design profile. It greatly strengthens the tire sidewall. Meanwhile, it optimizes tire footprints, improves contact pressure distributions, and reduces the heat generated by sidewall deformation. This technology cuts the chances of sidewall bubbles and solves the problem of tire uneven wear.



Application		TRUCK TIRE DATA BOOK					WEST LAKE	
Recommended Suitable								
SERVICE	PATTERN	PAGE	STEER AXLE	DRIVE AXLE		TRAILER AXLE		
				SINGLE	TANDEM	TANDEM	SPREAD	
Long Haul	W-ELite SL11	P 18						
	W-ELite DL21	P 19						
	W-ELite DL22	P 20						
	W-ELite DA25	P 21						
	W-ELite DL26 (SuperSingle)	P 22						
	W-ELite TL31	P 23						
	W-ELite TL32 (SuperSingle)	P 24						
Regional	W-ELite ZA12	P 26						
	W-ELite ZA15	P 27						
	W-ELite DA23	P 28						
	W-ELite DA24	P 29						
Mixed Service	W-ELite ZM41	P 31						
	W-ELite ZM42 (SuperSingle)	P 32						

APPLICATION	Long haul					Regional				Wide Base		Mixed Service	
POSITION	Steer	Drive Deep TD	Drive Regular	Drive Regular	Trailer	AP	AP	Drive	Drive	Drive	Trailer	AP	Wide Base
SMARTWAY (Being Verified)	✓	✓	✓		✓	✓		✓					
3PMS		✓	✓	✓			✓		✓				
PATTERN SIZE													
	W-Elite SL11	W-Elite DL21	W-Elite DL22	W-Elite DA25	W-Elite TL31	W-Elite ZA12	W-Elite ZA15	W-Elite DA23	W-Elite DA24	W-Elite DL26	W-Elite TL32	W-Elite ZM41	W-Elite ZM42
11R22.5	G/H - 19	G/H - 30	G/H - 26	G/H - 26	G/H - 12	G/H - 21		G/H - 26				H - 24	
11R24.5	G/H - 19	G/H - 30	G/H - 26	G/H - 26		G/H - 21		G/H - 24				H - 24	
255/70R22.5						G/H - 18		G/H - 26					
275/70R22.5						G/H - 18							
285/75R24.5	G/H - 19	G/H - 30	G/H - 26	G/H - 26		G/H - 21		G/H - 26					
295/75R22.5	G/H - 19	G/H - 30	G/H - 26	G/H - 26	G/H - 12	G/H - 21		G/H - 26					
315/80R22.5												J/L - 26	
385/65R22.5													L - 23
425/65R22.5													L - 23
445/65R22.5													L - 23
445/50R22.5										L - 27	L - 16		
215/75R17.5							G/H - 16						
235/75R17.5							H - 16						
225/70R19.5							F/G - 17		F/G - 18				
245/70R19.5							G/H - 17		G/H - 18				
265/70R19.5							H/J - 17		H/J - 19				



Long distance journey with constant speed and less braking and accelerating

Less fuel consumption and comfortable ride

High mileage performance



W-ELite SL11

Designed with a solid shoulder and advanced tread compounds, the SL11 steer/all position tire is engineered to endure long to regional conditions, ensuring durability alongside optimal wear, fuel efficiency, and cost per mile effectiveness.

★ SmartWay is being verified



● Recommended ● Suitable



Wider Shoulder Ratio Design

Enhancing shoulder stiffness enhances lateral force resistance to enhance handling performance.



Decoupling Groove

Improved decoupling groove design enhances shoulder durability by ensuring a more uniform contact with the ground.



Optimized Tread Compound

High wear resistance and reduced rolling resistance.



Tread block Edge Sipes

Distributes and disperses road stress to help ensure uniform treadwear.



Section Sipes

Maximize tread edges for enhanced grip and wet performance.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							Lbs	psi	Lbs	psi		
11R22.5	G/14	19	144/142M	8.25	41.5	11.0	6175	105	5840	105	500	19.3
11R22.5	H/16	19	148/145M	8.25	41.5	11.0	6940	123	6390	123	500	19.3
295/75R22.5	G/14	19	144/141M	9.00	39.9	11.7	6175	110	5675	110	520	18.7
295/75R22.5	H/16	19	146/143M	9.00	39.9	11.7	6610	120	6005	120	520	18.7
11R24.5	G/14	19	146/143M	8.25	43.5	11.0	6610	105	6005	105	477	20.3
11R24.5	H/16	19	149/146M	8.25	43.5	11.0	7160	120	6610	120	477	20.3
285/75R24.5	G/14	19	144/141M	8.25	41.3	11.1	6175	110	5675	110	503	19.4
285/75R24.5	H/16	19	147/144M	8.25	41.3	11.1	6780	120	6175	120	503	19.4



W-ELite DL21



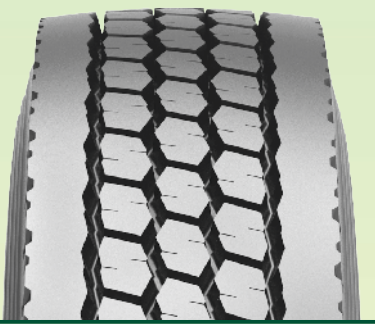
Engineered with a deep tread pattern, this tire aims to optimize fuel efficiency and ensure excellent traction. Its impressive durability and high retreadability render it a preferred option for fleet management.

★ SmartWay is being verified



○ Recommended ○ Suitable

New Fuel Savings Compound
Improved fuel economy and longevity by reducing rolling resistance and heat generation.



W-ELite DL22



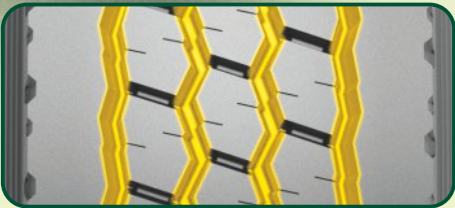
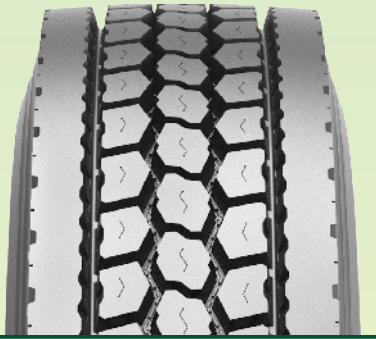
Engineered with a deep tread pattern, this tire aims to optimize fuel efficiency and ensure excellent traction. Its impressive durability and high retreadability render it a preferred option for fleet management.

★ SmartWay is being verified

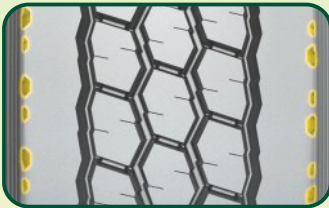


○ Recommended ○ Suitable

New Fuel Savings Compound
Improved fuel economy and longevity by reducing rolling resistance and heat generation.



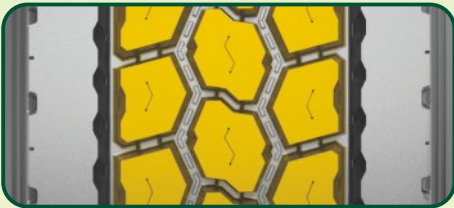
Four Groove Block Design
Improved highway traction, driving stability and water evacuation.



Closed notched Shoulder Design
Improved heat dissipation contributes to extended mileage and reduces uneven shoulder wear.



Four Groove Serrated Longitudinal pattern
Excellent highway traction, driving stability and water evacuation.



Aggressive Block Design with Sipes
Increased wet traction and enhanced braking performance, prolonged tread lifespan.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
11R22.5	G/14	30	144/142L	8.25	41.9	11.0	6175	105	5840	105	496	19.5
11R22.5	H/16	30	148/145L	8.25	41.9	11.0	6940	123	6390	123	496	19.5
295/75R22.5	G/14	30	144/141L	9.00	40.2	11.7	6175	110	5675	110	517	18.8
295/75R22.5	H/16	30	146/143L	9.00	40.2	11.7	6610	120	6005	120	517	18.8
11R24.5	G/14	30	146/143L	8.25	43.9	11.0	6610	105	6005	105	473	20.5
11R24.5	H/16	30	149/146L	8.25	43.9	11.0	7160	120	6610	120	473	20.5
285/75R24.5	G/14	30	144/141L	8.25	41.6	11.1	6175	110	5675	110	499	19.5
285/75R24.5	H/16	30	147/144L	8.25	41.6	11.1	6780	120	6175	120	499	19.5

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
11R22.5	G/14	26	144/142L	8.25	41.9	11.0	6175	105	5840	105	496	19.5
11R22.5	H/16	26	148/145L	8.25	41.9	11.0	6940	123	6390	123	496	19.5
295/75R22.5	G/14	26	144/141L	9.00	40.2	11.7	6175	110	5675	110	517	18.8
295/75R22.5	H/16	26	146/143L	9.00	40.2	11.7	6610	120	6005	120	517	18.8
11R24.5	G/14	26	146/143L	8.25	43.9	11.0	6610	105	6005	105	473	20.5
11R24.5	H/16	26	149/146L	8.25	43.9	11.0	7160	120	6610	120	473	20.5
285/75R24.5	G/14	26	144/141L	8.25	41.6	11.1	6175	110	5675	110	499	19.5
285/75R24.5	H/16	26	147/144L	8.25	41.6	11.1	6780	120	6175	120	499	19.5



W-ELite DA25



The DA25 drive tire is engineered for all-weather and winter conditions, offering reliability and traction while effectively lowering fuel expenses.



Recommended Suitable



Enhanced Casing Construction
New casing technology designed to enhance durability and improve retreadability.

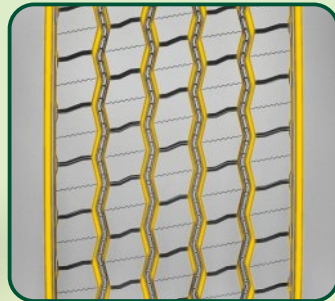


W-ELite DL26

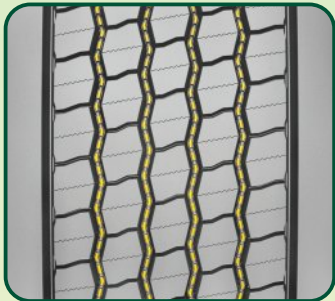
The DL26 features an advanced tread design that ensures high mileage and excellent traction, incorporating new Sipe technology for enhanced performance.



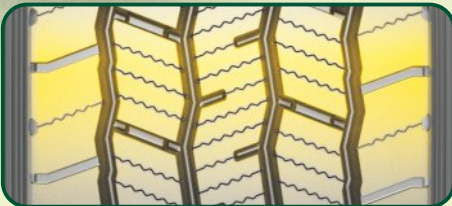
Recommended Suitable



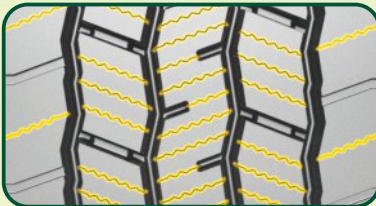
Tread Pattern
6 Main grooves reinforces the shoulder rib, minimizing outer groove deformation and enhancing overall mileage.



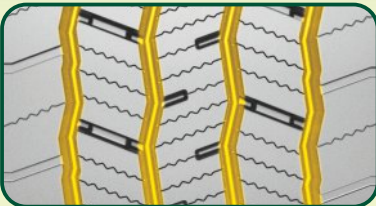
Zig Zag Grooves
Effectively minimizes stone retention.



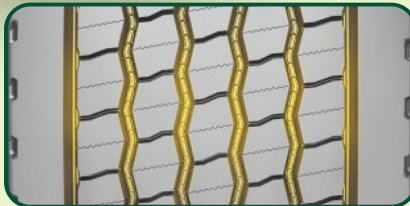
Tread Pattern
Enhanced pattern rigidity ensures prolonged and uniform wear.



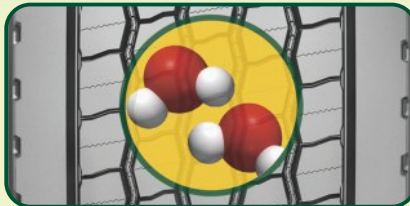
3PMSF
Multiple sipes enhancing traction on wet and snowy surfaces.



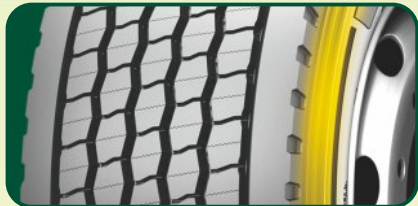
Tread Depth – 26/32nd
Ensures optimal performance and extended tread longevity.



Tread Depth – 27/32nd
Ensures optimal performance and extended tread longevity.



Fuel Savings Compound
Low rolling resistance for increased fuel economy.



Enhanced Casing Construction
New casing technology designed to enhance durability and improve retreadability.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
11R22.5	G/14	26	144/142L	8.25	41.9	11.0	6175	105	5840	105	496	19.5
11R22.5	H/16	26	148/145L	8.25	41.9	11.0	6940	123	6390	123	496	19.5
295/75R22.5	G/14	26	144/141M	9.00	40.2	11.7	6175	110	5675	110	517	18.8
295/75R22.5	H/16	26	146/143M	9.00	40.2	11.7	6610	120	6005	120	517	18.8

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
445/50R22.5	L/20	27	161L	14.00	40.3	17.5	10200	120	/	/	519	18.7



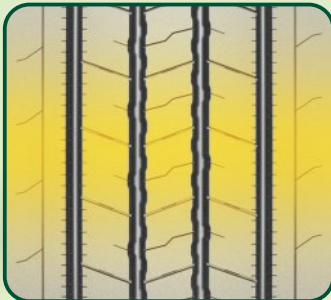
W-ELite TL31

The TL31 is a robust new trailer tire featuring a shallow tread design, specifically engineered to reduce irregular wear and provide outstanding retreadability, making it ideal for long-haul applications.

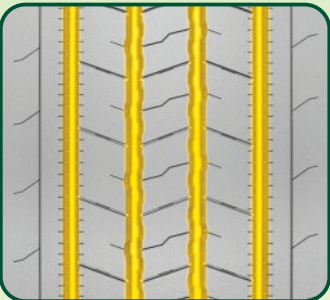
★ SmartWay is being verified



○ Recommended ○ Suitable



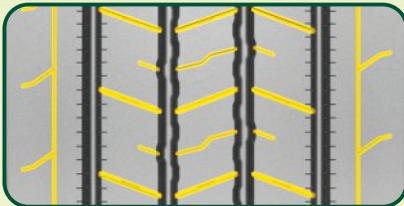
Streamlined Circumferential Ribs
Balanced contact pressure and uniform wear.



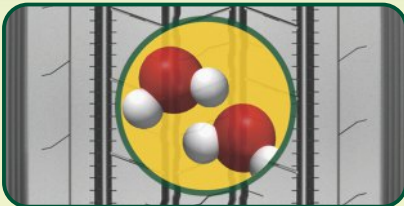
Four longitudinal grooves
Effective water evacuation, improving wet traction.



Enhanced Casing Construction
Advanced casing technology designed to enhance durability and improve retreadability.



Shallow Tread Depth
Minimize irregular wear.



Fuel Savings Compound
Low rolling resistance for increased fuel economy.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
11R22.5	G/14	12	144/142M	8.25	41.5	11.0	6175	105	5840	105	500	19.3
11R22.5	H/16	12	148/145M	8.25	41.5	11.0	6940	123	6390	123	500	19.3
295/75R22.5	G/14	12	144/141M	9.00	39.9	11.7	6175	110	5675	110	521	18.6
295/75R22.5	H/16	12	146/143M	9.00	39.9	11.7	6610	120	6005	120	521	18.6

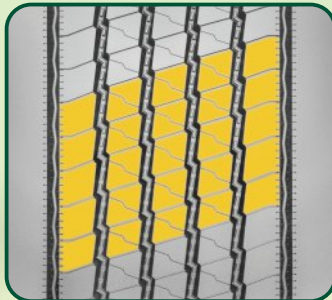


W-ELite TL32

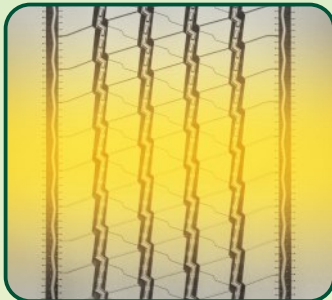
The TL32 Ultra Wide Base tire is a durable trailer tire specifically designed to meet the demands of high scrub operations. It boasts outstanding resistance to cuts and chips, a prolonged tread lifespan, and a configuration that promotes fuel efficiency, rendering this ultra-wide base tire ideal for rigorous applications.



○ Recommended ○ Suitable



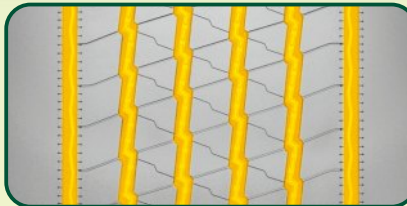
Tread Pattern
Evenly distributes contact pressure to enhance stability.



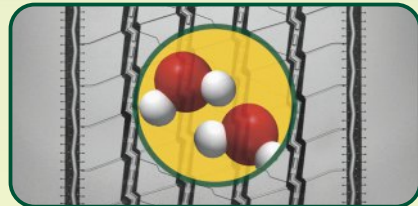
Advanced Compound
Provides extended wear while maintaining low rolling resistance.



Enhanced Casing Construction
New casing technology designed to enhance durability and improve retreadability.



Tread Depth – 16/32nd
Ensures optimal performance and extended tread longevity.



Fuel Savings Compound
Low rolling resistance for increased fuel economy.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							Lbs	psi	Lbs	psi		
445/50R22.5	L/20	16	161L	14.00	40.1	17.5	10200	120	/	/	522	18.6



Shorter journey with frequent braking, accelerating and turning

Improved road grip with maximum mileage

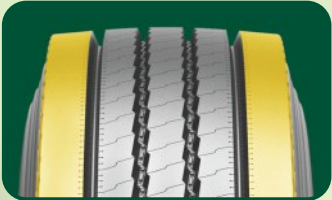
Exceptional tough type



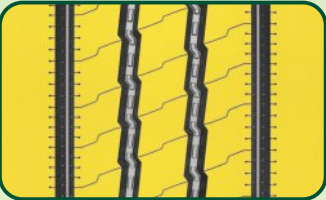
W-ELite ZA12

Regional routes can vary in scope, from a few neighboring states to a broader area within a region, but typically don't extend past a 1,000-mile range.

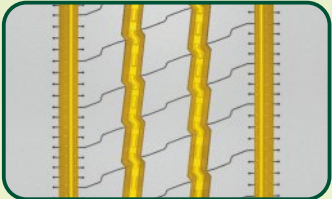
★ SmartWay is being verified



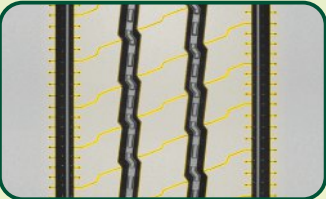
Wide Solid Shoulder
Increased shoulder rigidity for improved handling.



Fuel Savings Compound
Improved fuel economy with low rolling resistance.



Void Volume
More rubber comes into contact with the road with a low void ratio, while a high void ratio improves water drainage.



Special Sipe Design
Combat uneven wear and enhance traction performance on wet and dry surfaces.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

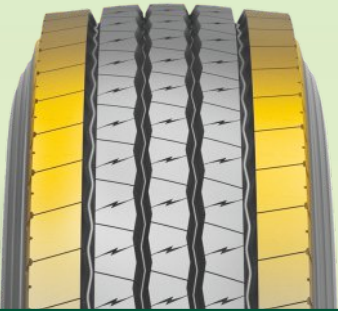
SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
11R22.5	G/14	21	144/142L	8.25	41.5	11.0	6175	105	5840	105	500	19.3
11R22.5	H/16	21	148/145L	8.25	41.5	11.0	6940	123	6390	123	500	19.3
255/70R22.5	H/16	18	140/137M	7.50	36.5	10.0	5510	120	5070	120	567	17.1
275/70R22.5	H/16	18	148/145L	8.25	37.7	10.8	6940	130	6395	130	557	17.6
295/75R22.5	G/14+C49	21	144/141L	9.00	39.9	11.7	6175	110	5675	110	520	18.7
295/75R22.5	H/16	21	146/143L	9.00	39.9	11.7	6610	120	6005	120	520	18.7
11R24.5	G/14	21	146/143L	8.25	43.5	11.0	6610	105	6005	105	477	20.3
11R24.5	H/16	21	149/146L	8.25	43.5	11.0	7160	120	6610	120	477	20.3
285/75R24.5	G/14	21	144/141L	8.25	41.3	11.1	6175	110	5675	110	503	19.4
285/75R24.5	H/16	21	147/144L	8.25	41.3	11.1	6780	120	6175	120	503	19.4



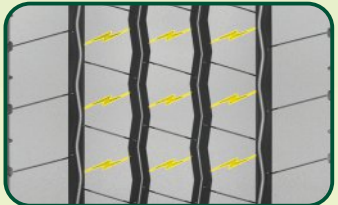
W-ELite ZA15



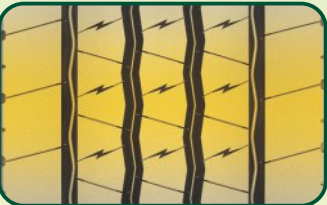
The ZA15 is an adaptable solid shoulder tire suitable for all positions, featuring an innovative tread compound specifically engineered for regional to local operations.



Solid Shoulder Design
Enhanced shoulder rigidity for superior handling.



Innovative Tread Pattern Design
Traction Enhancement for wet or dry conditions.



Advance Tread Compound
Long tire life and better retreadability.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

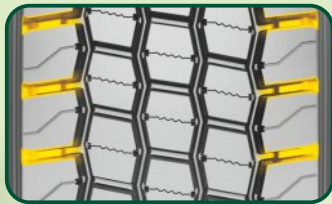
SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
215/75R17.5	G/14	16	126/124M	6.00	30.2	8.3	3750	110	3525	110	688	14.1
215/75R17.5	H/16	16	135/133L	6.00	30.2	8.3	4805	123	4540	123	688	14.1
235/75R17.5	H/16	16	143/141L	6.75	31.4	9.2	6005	128	5675	128	664	14.6
225/70R19.5	F/12	17	125/123N	6.75	31.9	8.9	3640	95	3415	95	651	15.0
225/70R19.5	G/14	17	128/126N	6.75	31.9	8.9	3970	110	3750	110	651	15.0
245/70R19.5	G/14	17	133/131N	7.50	33.0	9.8	4540	110	4300	110	629	15.3
245/70R19.5	H/16	17	136/134N	7.50	33.0	9.8	4940	120	4675	120	629	15.3
265/70R19.5	H/16	17	140/138M	7.50	34.1	10.3	5510	112	5200	112	608	15.8
265/70R19.5	J/18	17	143/141K	7.50	34.1	10.3	6005	123	5675	123	608	15.8



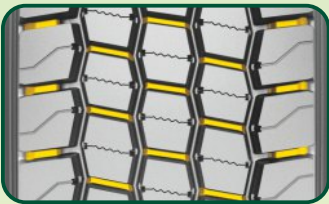
W-ELite DA23

Regional routes can vary in scope, from a few neighboring states to a broader area within a region, but typically don't extend past a 1,000-mile range.

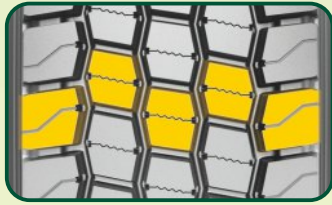
★ SmartWay is being verified



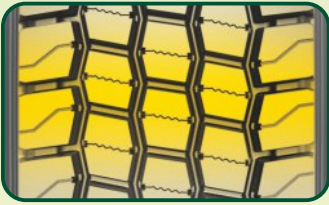
Open Shoulder Design
Excellent traction in wet and dry with increased heat dissipation for endurance.



Innovative Lug Pattern Design
Traction Enhancement for wet or dry conditions.



Robust Tread Block
Delivers excellent traction on both wet and dry roads.



Advance Tread Compound
Long tire life and better retreadability.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
11R22.5	G/14	26	144/142L	8.25	41.9	11.0	6175	105	5840	105	496	19.5
11R22.5	H/16	26	148/145L	8.25	41.9	11.0	6940	123	6390	123	496	19.5
255/70R22.5	H/16	24	140/137L	7.50	36.8	10.0	5510	120	5070	120	564	17.2
295/75R22.5	G/14	26	144/141L	9.00	40.2	11.7	6175	110	5675	110	517	18.8
295/75R22.5	H/16	26	146/143L	9.00	40.2	11.7	6610	120	6005	120	517	18.8
11R24.5	G/14	26	146/143L	8.25	43.9	11.0	6610	105	6005	105	473	20.5
11R24.5	H/16	26	149/146L	8.25	43.9	11.0	7160	120	6610	120	473	20.5
285/75R24.5	G/14	26	144/141L	8.25	41.6	11.1	6175	110	5675	110	499	19.5
285/75R24.5	H/16	26	147/144L	8.25	41.6	11.1	6780	120	6175	120	499	19.5

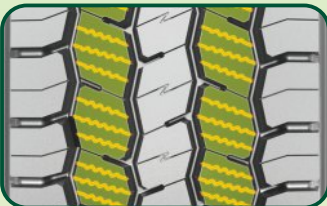


W-ELite DA24

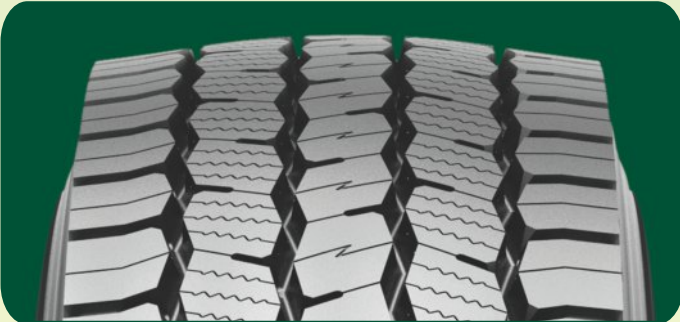
The DA24 represents a completely new drive tire featuring an assertive tread pattern engineered to provide traction across diverse conditions. It is robust enough for both local streets and regional performance.



Diagonal interlocking Block / Lug Design
Reliable grip under all working conditions.



Innovative Lug Pattern Design
Traction Enhancement for wet or dry conditions.



Advance Tread Compound
Long tire life and better retreadability.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
225/70R19.5	F/12	18	125/123N	6.75	31.9	8.9	3640	95	3415	95	651	15.0
225/70R19.5	G/14	18	128/126N	6.75	31.9	8.9	3970	110	3750	110	651	15.0
245/70R19.5	G/14	18	133/131N	7.50	33.0	9.8	4540	110	4300	110	629	15.3
245/70R19.5	H/16	18	136/134N	7.50	33.0	9.8	4940	120	4675	120	629	15.3
265/70R19.5	H/16	19	140/138M	7.50	34.1	10.3	5510	112	5200	112	608	15.8
265/70R19.5	J/18	19	143/141K	7.50	34.1	10.3	6005	123	5675	123	608	15.8



Used both on and off road
Heavy loads and outstanding durability
Special protection against the damage caused by the road condition



W-ELite ZM41

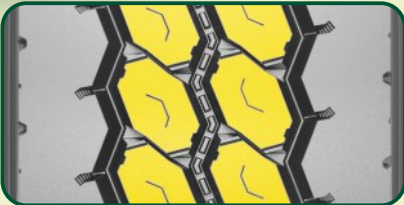
The mixed service application tire is built to excel in both on-road and off-road environments, capable of carrying heavy loads and maintaining lower speeds across a variety of road conditions, from normal to aggressive.



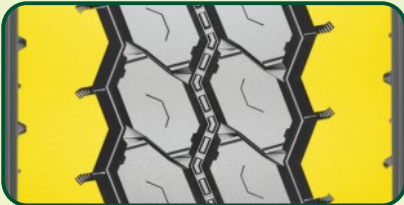
Recommended Suitable



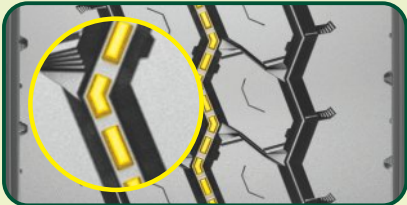
Enhanced Casing Construction
Advanced casing technology designed to enhance durability and improve retreadability.



Optimized Lug Pattern
Superb grip and handling capabilities.



Special Cut & Chip Compound
Exceptional durability against cutting and chipping.



Improved Stone Rejectors
Designed to prevent stones from becoming lodged in the tire tread protecting the tire casing from potential damage.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
11R22.5	H/16	24	148/145L	8.25	41.9	11.0	6940	123	6390	123	496	19.5
315/80R22.5	J/18	26	156/153L (154/151M)	9.00	42.4	12.3	8820	123	8050	123	490	19.7
315/80R22.5	L/20	26	160/157K	9.00	42.4	12.3	10000	130	9090	130	490	19.7
11R24.5	H/16	24	149/146L	8.25	43.9	11.0	7160	120	6610	120	473	20.5

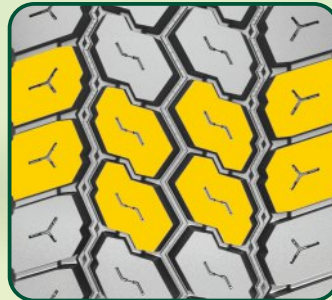


W-ELite ZM42

The mixed service application tire is built to excel in both on-road and off-road environments, capable of carrying heavy loads and maintaining lower speeds across a variety of road conditions, from normal to aggressive.



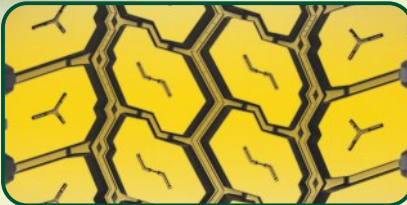
Recommended Suitable



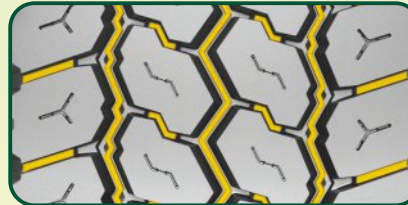
Aggressive Tread Pattern
Reliable grip on all types of surfaces.



Special Cut & Chip Compound
Exceptional durability against cutting and chipping.



Wide Footprint
Outstanding flotation capabilities in soft terrain.



Improved Stone Rejectors
Designed to prevent stones from becoming lodged in the tire tread protecting the tire casing from potential damage.



Enhanced Casing Construction
Advanced casing technology designed to enhance durability and improve retreadability.

PRODUCT SPECIFICATIONS AND TECHNICAL PARAMETERS

SIZE	LR/PR	TREAD DEPTH 32nds	SERVICE INDEX	STANDARD RIM	OVERALL DIAMETER inch	SECTION WIDTH inch	MAX. LOAD CAPACITY AT COLD INFLATION PRESSURE				REVS PER MILE	STATIC LOADED RADIUS inch
							SINGLE		DUAL			
							lbs	psi	lbs	psi		
385/65R22.5	L/20	23	160K	11.75	42.4	15.3	9920	130	/	/	494	19.6
425/65R22.5	L/20	23	165K	12.25	44.5	16.6	11400	120	/	/	472	20.4
445/65R22.5	L/20	23	169K	13.00	45.5	17.5	12775	130	/	/	462	20.8

TIRE DIMENSIONS

- 1

(Nominal) Section Width

Measurement of the cross section of an unladen tire across the casing only – not including ribs or protrusions.
- 2

Overall Width

Measurement of the cross section of an unladen tire, including ribs and protrusions. Usually the same as section width on radial tires.
- 3

Section Height

Distance from the bead seat to the tread surface of an unladen tire.
- 4

Aspect Ratio

Aspect Ratio = $\frac{\text{Section Height}}{\text{Section Width}}$
- 5

Tread Width

Distance across the tread face of an unladen tire.
- 6

Tread Depth

Distance from tread surface to major groove base at designated measuring point.
- 7

Loaded Width

The maximum section width of a loaded tire under maximum dual load and inflation as stamped on the sidewall of the tire.
- 8

Overall Diameter

The measurement of the distance of an unladen tire from tread surface to tread surface on opposite sides of the tire.
- 9

Static Loaded Radius

Distance from the center of the axle to the ground of a loaded tire under maximum dual load and inflation as stamped on the sidewall of the tire.
- 10

Rim Width

Distance between the rim flanges.
- 11

Nominal Rim Diameter

Diameter of the rim from bead seat to bead seat in inches.

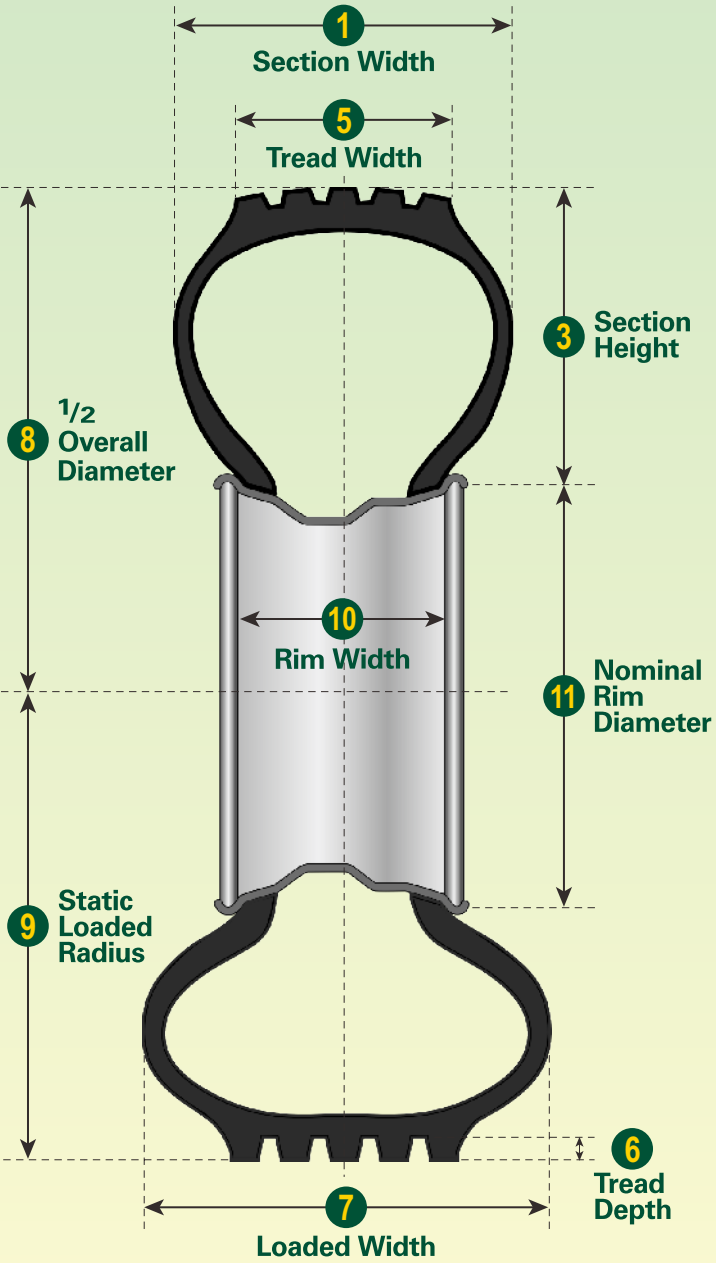
- 12

Minimum Dual Spacing

The minimum allowable distance between the wheel center lines in a dual arrangement.
- 13

Revolutions Per Mile (RPM)

The number of tire revolutions in one mile, measured at 55 mph maximum dual load and inflation (as stamped on the tire's sidewall).



NOTE: Tires mounted and inflated to recommended pressure.
All dimensions measured 24-hours after initial inflation.

TIRE DESIGNATIONS

Metric Size Designated Tires

TIRE SIZE DESIGNATION				LOAD IDENTIFICATION	OPTIONAL SERVICE DESCRIPTION	
255	70	R	22.5	G	138/134	M
NOMINAL SECTION WIDTH (mm)	NOMINAL ASPECT RATIO	CONSTRUCTION CODE "R" - RADIAL "D" - DIAGONAL	RIM DIAMETER CODE	LOAD RANGE	LOAD INDEX (SINGLE/DUAL)	SPEED SYMBOL

Conventional Size Designated Tires

10.00	R	20	H	146/142	L
11	R	22.5	H	146/142	L
NOMINAL SECTION WIDTH (INCHES)	CONSTRUCTION CODE "R" - RADIAL "D" - DIAGONAL	RIM DIAMETER CODE	LOAD RANGE	LOAD INDEX (SINGLE/DUAL)	SPEED SYMBOL

(A "TR" suffix is part of size designation on 7.50-15 TR, 8.25-15 TR, 10.00-15 TR & 11.00-15 TR to indicate a tire for rims having a specified rim diameter of Nominal plus .156 or .250)

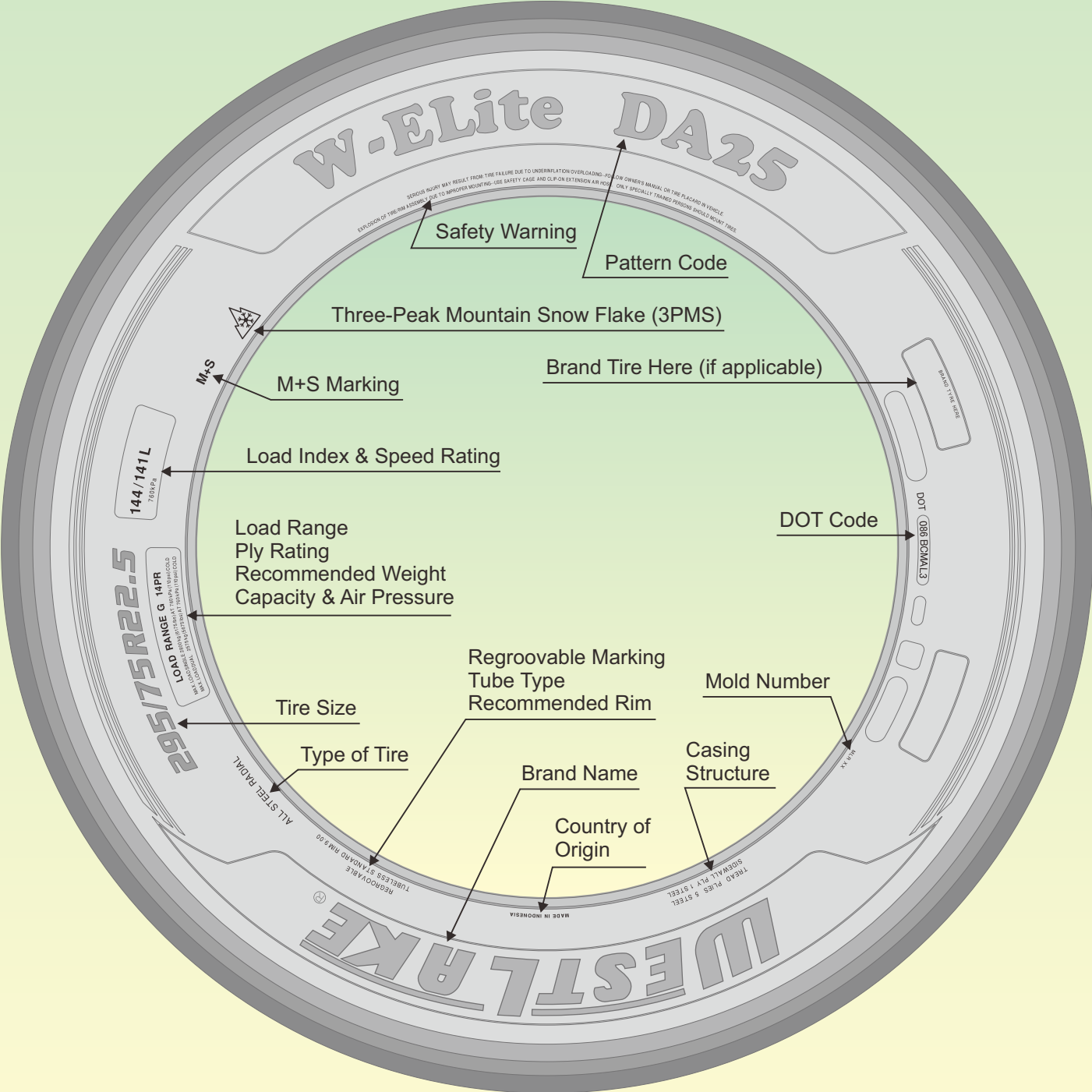
SIDEWALL INFORMATION

A series of internationally used numbers and codes exist for the identification of tire structures, dimensions and main applications as well as the producer information.

This group of codes and numbers is collectively known as the “tire

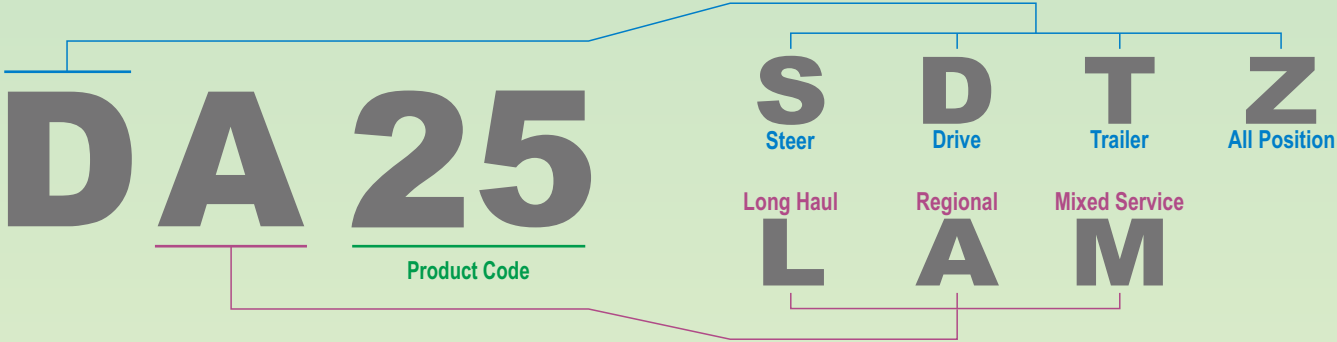
markings” and permits a precise identification of the tire.

The picture below gives an example of the tire markings as they appear on a tire.



NAMING CONVENTION

Product naming helps users and dealers in proper product selection specific to intended tire application. These will make for faster and more practical buying decisions.



TIRE STRUCTURE

Tread

Compounds used in the tread depend on the tire's specific application needs. WESTLAKE has various compounding strategies to minimize tire treadwear, and maximize traction, fuel efficiency, and resistance to fatigue, chipping and scaling.

Belt Edge Cushion

WESTLAKE tires feature a belt edge cushion to help to enhance the structure durability, and therefore extend the tire life.

Inner Liner

WESTLAKE's inner liner is specially designed to maintain the air pressure of each tire to avoid any possible tire damage. The special inner liner compound ensures a significantly longer casing life.

Bead Filler

Two or more different compounds are used in WESTLAKE's bead filler to stiffen the bead for steering response and to control the flexibility of other parts of the tire.

Belts and Casing

Thin, highly adhesive assembly compounds are used in WESTLAKE's tire casing and belts to improve the steel cords strength.

Undertread

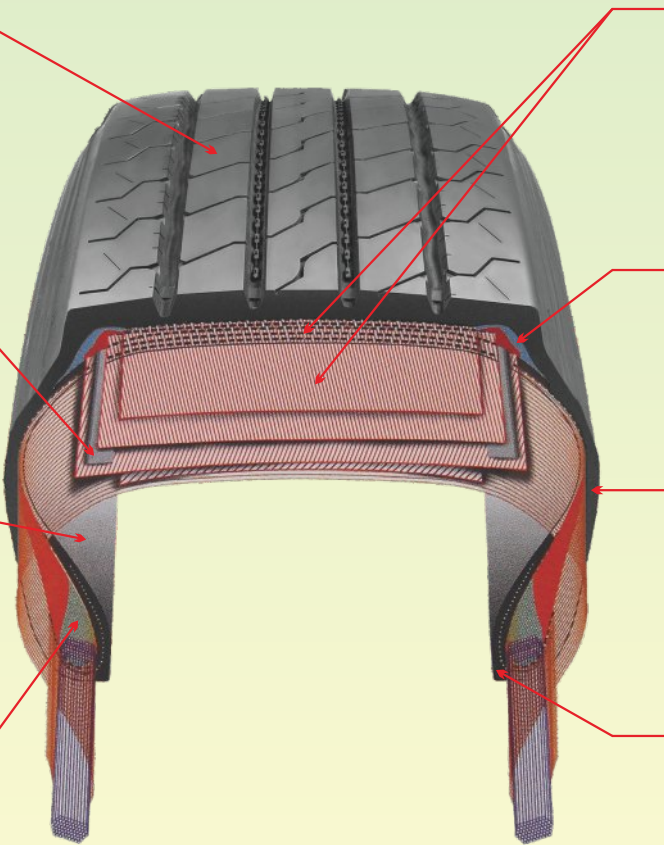
WESTLAKE's undertread compounds generate less heat in order to prevent tread separation.

Sidewall

WESTLAKE applies special sidewall compounds high flexibility, excellent durability and high resistance to fatigue and weather cracking.

Rim Cushion

WESTLAKE's rim cushion compound is highly resistant to the heat brought by the heavy load or transmitted by the rim so as to extend the tire life.



TECHNICAL INFORMATION

Ply Rating/Load Range

PLY RATING	LOAD RANGE
6	C
8	D
10	E
12	F
14	G
16	H
18	J
20	L

Speed Symbol

SPEED SYMBOL	SPEED MPH	SPEED CATEGORY (KM/H)
F	50	80
G	55	90
J	62	100
K	68	110
L	85	120
M	81	130
N	87	140

International Load Index Numbers

LOAD INDEX	KGS	LBS	LOAD INDEX	KGS	LBS	LOAD INDEX	KGS	LBS	LOAD INDEX	KGS	LBS	LOAD INDEX	KGS	LBS	LOAD INDEX	KGS	LBS
90	600	1325	104	900	1985	118	1320	2910	132	2000	4410	146	3000	6610	160	4500	9920
91	615	1355	105	925	2040	119	1360	3000	133	2060	4540	147	3075	6780	161	4625	10200
92	630	1390	106	950	2095	120	1400	3085	134	2120	4675	148	3150	6940	162	4750	10500
93	650	1435	107	975	2150	121	1450	3195	135	2180	4805	149	3250	7160	163	4875	10700
94	670	1475	108	1000	2205	122	1500	3305	136	2240	4940	150	3350	7390	164	5000	11000
95	690	1520	109	1030	2270	123	1550	3415	137	2300	5070	151	3450	7610	165	5150	11400
96	710	1565	110	1060	2335	124	1600	3525	138	2360	5205	152	3550	7830	166	5300	11700
97	730	1610	111	1090	2405	125	1650	3640	139	2430	5355	153	3650	8050	167	5450	12000
98	750	1655	112	1120	2470	126	1700	3750	140	2500	5510	154	3750	8270	168	5600	12300
99	775	1710	113	1150	2535	127	1750	3860	141	2575	5675	155	3875	8540	169	5800	12800
100	800	1765	114	1180	2600	128	1800	3970	142	2650	5840	156	4000	8820	170	6000	13200
101	825	1820	115	1215	2680	129	1850	4080	143	2725	6005	157	4125	9090			
102	850	1875	116	1250	2755	130	1900	4190	144	2800	6175	158	4250	9370			

AIR PRESSURE & INFLATION

Importance of Proper Inflation

Maintaining proper tire inflation is crucial for tire safety and performance. Incorrect inflation, whether under or over, can lead to tire damage, reduced fuel efficiency, and increased risk of blowouts.

Checking Tire Pressure

Check tire pressure at least once a week and before long-distance drives. Tires can lose up to 10 pounds of air pressure in a month, so regular checks are essential to ensure they are neither under nor overinflated. Always check tire pressure when tires are cold, as heat from driving can affect readings.

Effects of Under-Inflation

Under-inflated tires:

- Cause increased tread wear on the tire's outer edges.
- Generate excessive heat, reducing tire durability.
- Decrease fuel efficiency by increasing rolling resistance.
- Compromise vehicle handling and safety.

Effects of Over-Inflation

Over-inflated tires:

- Cause the center of the tread to bear most of the load, leading to faster and uneven wear.
- Reduce comfort, grip, braking distance, and overall tire lifespan, particularly on drive axle tires.

TIRE ROTATION

Importance of Tire Rotation

Rotating tires is essential for achieving more uniform wear across all tires on a vehicle. This process helps extend the lifespan of your tires, improves ride comfort, and reduces noise.

When to Rotate Tires

It's crucial to address any unusual wear before rotating tires. Check for and correct any misalignment, imbalance, or other mechanical issues to avoid ride disturbances, increased noise, and reduced tire life.

Rotation Patterns

Refer to your vehicle owner's manual for recommended tire rotation patterns. Generally, there are no restrictions on criss-cross rotation. However, for tires with directional tread patterns, ensure they are mounted in the correct direction for optimal performance.

Setting the Right Inflation Pressure

- Refer to your vehicle's owner's manual or the placard on the driver's door jamb for the recommended tire pressure.
- Adjust pressure according to load and driving conditions but do not exceed the tire's maximum inflation or axle load limits.
- For vehicles with different size tires, use a tire pressure calculator to determine the correct pressure.

Inflation Tips

- Weigh your vehicle and load axle by axle to determine the correct tire pressure.
- Use accurate, regularly calibrated pressure gauges and handle them with care.
- Never reduce the pressure of a hot tire, as pressure increases when the vehicle is in motion.
- If using an inflation cage, follow the cage user manual. If inflating without a cage, pre-inflate the tire up to 1.5 bars, check the tire, and then inflate to the appropriate pressure.

Safety Precautions

Driving with improper tire pressure can damage your tires. After driving with an under-inflated tire, do not simply re-inflate; have the tire fully checked by an expert to ensure it is safe for use.

Recommended Rotation Interval

ZC Rubber suggests rotating your tires every 8,000 kilometers (5,000 miles). During these rotations, inspect your tires for road hazards such as nails or screws and check for even wear. Also, examine tire sidewalls for cuts, snags, bruises, or weather cracking.

Inspection and Maintenance

If you notice any irregular wear patterns, such as excessive outer or inner tread wear, return to your tire dealer for correction. Regular inspections and timely rotations ensure long tire life and safe driving conditions.

Note:

Do not include temporary spare tires in your rotation pattern.

TIRE STORAGE

Ideal Storage Conditions

To ensure the longevity and safety of your tires, proper storage is essential. Here are the recommended practices for storing tires:

Location

- Store tires in a cool, dry, and dark room with a controlled environment.
- Avoid places with high temperatures, high moisture, or direct sunlight.
- Keep tires away from electric motors, generators, and other equipment that produce ozone.
- Avoid storing tires near petroleum products or chemicals like oil, grease, gasoline, and solvents.

Handling and Preparation

- Clean tires thoroughly with a tire brush, soap, and water to remove dirt, salt, and brake dust.
- If storing mounted tires, clean the wheels with an approved wheel cleaner and dry them completely.

TIRE INSPECTION

Importance of Regular Inspections

Regular tire inspections are essential for maintaining tire safety and performance. Proper inspections can help identify potential issues before they become serious problems, ensuring a safer driving experience.

When to Inspect Your Tires

- **Routine Checks:** Inspect your tires before operating your vehicle, including the spare tire. Make this a regular habit to catch any early signs of damage or wear.
- **Unusual Noises or Vibrations:** If you feel your car is unstable or notice unusual noises or vibrations, stop in a safe place and inspect your tires immediately. If no visible defects are found, drive slowly and have your dealer inspect the tires as soon as possible.

What to Look For

- **Physical Damage:** Look for cuts, bruises, cracks, bulges, and penetrations. Any visible damage should be assessed by a professional.
- **Tread Depth:** Federal law requires specific tread depths for different axles on vehicles over 10,000 lbs gross vehicle weight:

- Do not apply tire dressings while storing tires.

Storage Method

- Place clean and dry tires in airtight plastic bags and seal them with tape to reduce oil evaporation.
- Store unmounted tires indoors in a dry location to prevent moisture damage, particularly for steel radial tires.
- Limit vertical stacking to a maximum of 5 feet to avoid deformation.

Additional Tips

- Check the inside surfaces of tires for foreign material and moisture before mounting.
- Ensure compressed air sources for tire inflation are free of moisture.
- Avoid storing tires near sources of direct airflow or heat.

Following these guidelines will help slow the aging process of your tires and minimize potential damage, ensuring they remain in good condition for future use.

1. **Steering Axle:** Minimum tread depth of 4/32".
2. **Drive and Trailer Axles:** Minimum tread depth of 2/32".
3. Replace tires when the tread depth reaches these minimums or when wear bars appear in the tread.

Inspection Tips

- **Before Mounting:** Always inspect tires before mounting them on a rim. Ensure the inside surfaces are clean and dry to prevent moisture-related damage.
- **During Use:** Heat buildup during normal operation can turn water inside the tire into vapor, causing rust and deterioration of steel casings. This can lead to sudden tire failure, so it's crucial to keep tires dry.
- **Monthly Pressure Checks:** Check tire pressure at least once a month. Proper inflation is vital for safety and fuel efficiency.

Professional Assistance

If you find any damage during your inspection, have the tire examined by a professional as soon as possible. Prompt repair can prevent further deterioration of the tire structure and ensure your tires remain safe and reliable.

TIRE MOUNTING

Safety First

Mounting tires requires careful attention to detail and adherence to safety protocols to avoid serious injury or damage. Always ensure that the tire diameter matches the rim diameter exactly. For example, a 16" tire should only be mounted on a 16" rim. Attempting to mount a 16" tire on a 16.5" rim can result in explosive force and severe injury.

Tube-Type Tire Mounting

1. Preparation:

- Remove the tube and flap from the tire if installed. Clean and dry the inside of the tire.
- Install the correct size tube and flap, ensuring they are centered. Slightly inflate the tube to shape it.
- Lubricate the beads, rim side of the flap, and tube base with a vegetable-based lubricant.

2. Mounting:

- Place the tire, tube, and flap assembly on the rim.
- Assemble rim parts, ensuring proper fit.
- Inflate the tire in an approved safety cage using an extension hose and clip-on chuck. Do not exceed 40 psi to seat the beads. If beads do not seat, deflate, re-lubricate, and re-inflate.

Tubeless Tire Mounting

1. Preparation:

- Clean and prepare the rim or wheel. Replace valve seals and stem.
- Lubricate both tire beads and rim flanges.

2. Mounting:

- Work the tire over the rim flanges using proper tools.

- Inflate the tire in a safety cage to seat the beads, not exceeding the maximum inflation pressures shown on the tire sidewall.

Important Cautions

- Always use an approved safety cage or equivalent restraining device when inflating tires.
- Use a remote-controlled clip-on air hose for inflation.
- Never tap component parts with a mallet while the tire is inflated.
- Never attempt to disassemble multi-piece rims while inflated.
- Never pour or spray flammable substances into or onto a tire.

Tire Balancing

Proper balancing is essential for smooth driving and tire longevity. Tire service professionals balance tires using either spin balancing or road force balancing techniques.

1. Spin Balancing:

- Detects heavy spots on the tire that cause vibrations.
- Uses diagnostic equipment to identify imbalances, corrected with clip-on or tape-on weights.

2. Road Force Balancing:

- Simulates road conditions to measure tire and wheel uniformity.
- Corrects imbalances not detected by spin balancing, also using weights.

By following these guidelines, you ensure safe and effective tire mounting and balancing, promoting longer tire life and optimal vehicle performance.

Tire Size	Use	Tire Load Limits at Various Cold Inflation Pressures (Pressure Listed is the Minimum for the Load)								Tire Load Limits at Various Cold Inflation Pressures (Pressure Listed is the Minimum for the Load)							
		kPa	450	480	520	550	590	620	660	690	720	760	790	830	860	900	
		psi	65	70	75	80	85	90	95	100	105	110	115	120	125	130	
10R22.5	Dual	kg		1750	1830	1910	2000(E) 132	2080	2160	2240(F) 136	2300	2360	2430(G) 139			2650(H) 142	
		lbs		3860	4045	4230	4410(E)	4585	4760	4940(F)	5075	5210	5355(G)			5840(H)	
	Single	kg		1850	1940	2030	2120(E) 134	2200	2280	2360(F) 138	2430	2500	2575(G) 141			2800(H) 144	
		lbs		4080	4280	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)			6175(H)	
11R22.5	Dual	kg		1990	2080	2160	2250	2360(F) 138	2460	2560	2650(G) 142	2680	2710	2725(H) 143			
		lbs		4380	4580	4760	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)			
	Single	kg		2050	2160	2260	2370	2500(F) 140	2600	2700	2800(G) 144	2870	2940	3000(H) 146			
		lbs		4530	4770	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)			
11R24.5	Dual	kg		2110	2210	2300	2390	2500(F) 138	2580	2660	2725(G) 143	2820	2910	3000(H) 146			
		lbs		4660	4870	5070	5260	5510(F)	5675	5840	6005(G)	6205	6405	6610(H)			
	Single	kg		2190	2300	2410	2520	2650(F) 142	2770	2890	3000(G) 146	3080	3160	3250(H) 149			
		lbs		4820	5070	5310	5550	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)			
295/75R22.5				1860	1950	2060	2130	2220	2300(F) 137	2390	2470	2575(G) 141	2630	2725(H) 143	2780	2900(J) 145	
				4095	4300	4540	4690	4885	5070(F)	5260	5440	5675(G)	5795	6005(H)	6150	6395(J)	
				2040	2140	2240	2340	2440	2500(F) 148	2620	2710	2800(G) 144	2890	3000(H) 146	3060	3150(J) 148	
				4500	4725	4940	5155	5370	2500(F)	5780	5980	6175(G)	6370	6610(H)	6760	6940(J)	
285/75R24.5					1970	2060	2150	2240	2360(F) 138	2410	2490	2575(G) 141	2660	2800(H) 144			
					4340	4540	4740	4930	5205(F)	5310	5495	5675(G)	5860	6175(H)			
					2160	2240	2360	2460	2575(F) 141	2650	2740	2800(G) 144	2920	3075(H) 147			
					4770	4940	5210	5450	5675(F)	5835	6040	6175(G)	6440	6780(H)			
215/75R17.5	Dual	kg		1500	1550	1600(E) 124	1650	1700	1750(F) 127	1800	1850	1900(G) 130	1950	2000	2060(H) 133		
		lbs		3305	3415	3525(E)	3640	3750	3880(F)	3970	4080	4190(G)	4300	4410	4540(H)		
	Single	kg		1600	1650	1700(E) 126	1750	1800	1850(F) 129	1900	1950	2000(G) 132	2060	2120	2180(H) 135		
		lbs		3525	3640	3750(E)	3860	3970	4080(F)	4190	4300	4410(G)	4540	4675	4805(H)		
235/75R17.5	Dual	kg		1900	1950	2000(E) 132	2060	2120	2180(F) 135	2240	2300	2360(F) 138	2430	2500	2575(H) 141		
		lbs		4190	4300	4410(E)	4510	4675	4805(F)	4940	5070	5205(F)	5355	5510	5675(H)		
	Single	kg		2000	2060	2120(E) 134	2180	2240	2300(F) 137	2360	2430	2500(F) 140	2575	2650	2725(H) 143		
		lbs		4300	4540	4675(E)	4805	4940	5070(F)	5205	5355	5510(F)	5675	5840	6005(H)		
225/70R19.5	Dual	kg	1180(D) 114	1230	1300	1360(E) 119	1410	1470	1550(F) 123	1580	1640	1700(G) 126	1750	1800(H) 128			
		lbs	2600(D)	2720	2860	3000(E)	3115	3245	3415(F)	3490	3615	3750(G)	3855	3970(H)			
	Single	kg	1250(D) 114	1310	1380	1450(E) 121	1500	1570	1650(F) 125	1690	1740	1800(G) 128	1860	1900(H) 130			
		lbs	2755(D)	2895	3040	3195(E)	3315	3450	3640(F)	3715	3845	3970(G)	4100	4190(H)			
245/70R19.5	Dual	kg	1320	1390	1460	1550	1590	1660	1750(F) 127	1790	1850	1950(G)	1970	2060(H) 133			
		lbs	2910	3070	3220	3415	3515	3655	3860(F)	3940	4075	4300(G)	4345	4540(H)			
	Single	kg	1400	1480	1550	1650	1700	1770	1850(F) 129	1900	1970	2060(G) 133	2095	2180(H) 135			
		lbs	3085	3265	3425	3640	3740	3890	4080(F)	4190	4335	4540(G)	4620	4805(H)			
265/70R19.5	Dual	kg	1450	1560	1640	1700	1780	1860	1950	2000	2000	2120(G) 134	2360(H) 138				
		lbs	3195	3430	3600	3750	3930	4095	4300	4405	4415	4675(G)	5200				
	Single	kg	1550	1660	1740	1800	1900	1970	2060	2130	2200	2300(G) 137	2500(H) 140				
		lbs	3415	3650	3830	3970	4180	4355	4540	4685	4850	5070(G)	5510				
255/70R22.5				1630	1710	1800	1860	1940	2000	2020	2090	2120(G) 134	2230	2300(H) 137			
				3585	3765	3970	4110	4275	4410	4455	4610	4675(G)	4915	5070(H)			
				1730	1820	1900	1980	2060	2120	2220	2300	2360(G) 138	2450	2500(H) 148			
				3815	4005	4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)			
275/70R22.5	Dual	kg				2180	2240	2300	2360	2430	2500	2575(H) 141	2650	2725	2800	2900(J) 145	
		lbs				4805	4940	5070	5205	5355	5510	5675(H)	5840	6005	6175	6395(J)	
	Single	kg				2430	2430	2500	2575	2650	2725	2800(H) 144	2900	3000	3075	3150(J) 148	
		lbs				5355	5355	5510	5875	5840	6005	6175(H)	6395	6610	6940	6940(J)	
445/50R22.5	Single	kg	2800	2980	3150	3320	3480	3640	3810	3970	4120	4250(J) 158	4430	4625(L) 161			
		lbs	6175	6570	6940	7310	7680	8030	8390	8740	9090	9370(J)	9780	10200(L)			
385/65R22.5	Single	kg		2880	3060	3150	3350	3470	3650	3740	3850	4000	4100	4250(J) 158	4340	4500(L) 160	
		lbs		6380	6720	6940	7350	7650	8050	8230	8510	8820	9050	9370(J)	9610	9920(L)	
425/65R22.5	Single	kg	3270	3430	3640	3750	3980	4130	4250	4440	4580	4750(J) 162	4880	5150(L) 165			
		lbs	7210	7590	7990	8270	8740	9100	9370	9790	10100	10500(J)	10700	11400(L)			
445/65R22.5	Single	kg	3540	3720	3950	4125	4320	4470	4625(H) 161	4820	4960	5150	5290	5600(L) 168	5700	5800(M) 169	
		lbs	7800	8230	8660	9090	9480	9870	10200(H)	10600	11000	11400	11700	12300(L)	12600	12800(M)	
315/80R22.5	Dual	kg			2420	2575	2650	2750	2900(G) 145	2970	3070	3150(H) 148	3270	3450(J) 151	3590	3750(L) 154	
		lbs			5345	5675	5840	6070	6395(G)	6545	6770	6940(H)	7210	7610(J)	7910	8270(L)	
	Single	kg			2660	2800	2910	3030	3150(G) 148	3260	3370	3450(H) 151	3590	3750(J) 154	3940	4125(L) 157	
		lbs			2420	2575	2650	2750	2900(G)	2970	3070	3150(H)	3270	3450(J)	3690	39090(L)	

Pattern	Size	Buffed Crown Width		Buffed Crown Radius	
		mm	inch	mm	inch
W-Elite SL11	11R22.5	234	9.21	900	35.43
	11R22.5	234	9.21	900	35.43
	295/75R22.5	238	9.37	670	26.38
	295/75R22.5	238	9.37	670	26.38
	11R24.5	234	9.21	900	35.43
	11R24.5	234	9.21	900	35.43
	285/75R24.5	238	9.37	860	33.86
	285/75R24.5	238	9.37	860	33.86
W-Elite DL21	11R22.5	245	9.65	1000	39.37
	11R22.5	245	9.65	1000	39.37
	295/75R22.5	248	9.76	720	28.35
	295/75R22.5	248	9.76	720	28.35
	11R24.5	245	9.65	1000	39.37
	11R24.5	245	9.65	1000	39.37
	285/75R24.5	246	9.69	1000	39.37
	285/75R24.5	246	9.69	1000	39.37
W-Elite DL22	11R22.5	245	9.65	1000	39.37
	11R22.5	245	9.65	1000	39.37
	295/75R22.5	248	9.76	720	28.35
	295/75R22.5	248	9.76	720	28.35
	11R24.5	245	9.65	1000	39.37
	11R24.5	245	9.65	1000	39.37
	285/75R24.5	246	9.69	1000	39.37
	285/75R24.5	246	9.69	1000	39.37
W-Elite DA25	11R22.5	245	9.65	1000	39.37
	11R22.5	245	9.65	1000	39.37
	295/75R22.5	248	9.76	865	34.06
	295/75R22.5	248	9.76	865	34.06
W-Elite DL26	445/50R22.5	395	15.55	1800	70.87
W-Elite TL31	11R22.5	223	8.78	870	34.25
	11R22.5	223	8.78	870	34.25
	295/75R22.5	232	9.13	600	23.62
	295/75R22.5	232	9.13	600	23.62
W-Elite TL32	445/50R22.5	392	15.43	1700	66.93
W-Elite ZA12	11R22.5	234	9.21	900	35.43
	11R22.5	234	9.21	900	35.43
	255/70R22.5	224	8.82	890	35.04
	275/70R22.5	237	9.33	925	36.42

Pattern	Size	Buffed Crown Width		Buffed Crown Radius	
		mm	inch	mm	inch
W-Elite ZA12	295/75R22.5	238	9.37	690	27.17
	295/75R22.5	238	9.37	690	27.17
	11R24.5	234	9.21	900	35.43
	11R24.5	234	9.21	900	35.43
	285/75R24.5	238	9.37	860	33.86
	285/75R24.5	238	9.37	860	33.86
W-Elite ZA15	215/75R17.5				
	215/75R17.5				
	235/75R17.5				
	225/70R19.5	193	7.60	730	28.74
	225/70R19.5	193	7.60	730	28.74
	245/70R19.5	209	8.23	650	25.59
	245/70R19.5	209	8.23	650	25.59
	265/70R19.5	222	8.74	630	24.80
W-Elite DA23	11R22.5	245	9.65	1000	39.37
	11R22.5	245	9.65	1000	39.37
	255/70R22.5	232	9.13	890	35.04
	295/75R22.5	248	9.76	720	28.35
	295/75R22.5	248	9.76	720	28.35
	11R24.5	245	9.65	1000	39.37
	11R24.5	245	9.65	1000	39.37
	285/75R24.5	246	9.69	1000	39.37
	285/75R24.5	246	9.69	1000	39.37
	285/75R24.5	246	9.69	1000	39.37
W-Elite DA24	225/70R19.5	199	7.83	730	28.74
	225/70R19.5	199	7.83	730	28.74
	245/70R19.5	215	8.46	650	25.59
	245/70R19.5	215	8.46	650	25.59
	265/70R19.5	230	9.02	630	24.80
	265/70R19.5	230	9.02	630	24.80
W-Elite ZM41	11R22.5	234	9.21	900	35.43
	315/80R22.5	280	11.02	1035	40.75
	315/80R22.5	280	11.02	1035	40.75
	11R24.5	234	9.21	900	35.43
W-Elite ZM42	385/65R22.5	322	12.68	900	35.43
	425/65R22.5	349	13.74	1100	43.31
	445/65R22.5	378	14.88	1100	43.31

WHO IS ELIGIBLE FOR WARRANTY COVERAGE

You are eligible for the benefits of this warranty if you meet all the following criteria:

- You are the owner or authorized agent of the owner of new WestLake Light Truck Radial or radial medium TBR tires.
- Your tires bear Department of Transportation (DOT) prescribed tire identification numbers and are not branded “NA” (Not Adjustable) or buffed.
- Your WestLake TBR tires have been used only on the vehicle on which they were originally installed according to the vehicle manufacturers or WestLake’s manufacturer recommendations.

TERMS & CONDITIONS

All radial truck tire warranties are limited to the original purchaser and the original vehicle on which they were mounted and are not assignable to subsequent purchasers or vehicles. Original receipts must accompany all claims.

The cost of mounting, balancing and any other charges by the dealer in connection with the replacement of the tire are required to be paid by the purchaser. The purchaser is also required to pay all applicable Federal, State/Provincial and local taxes.

WHAT IS COVERED UNDER THIS WARRANTY AND FOR HOW LONG

Zhongce Rubber Group Co., Ltd. (ZC RUBBER) warrants to the original purchaser that every new radial truck tire bearing the brand of “WestLake” will be free from defects in materials and workmanship.

This warranty is limited to SIX (6) years from the original date of manufacture effective for tires produced after July 1, 2020 (DOT Code 2620).

50% FREE REPLACEMENT WARRANTY: Any tire adjusted utilizing this limited free replacement warranty will be replaced at no charge if the tire fails during the first 50% of original tread depth(calculated by subtracting one-half (½) the difference between the original new tire tread depth and 2/32" from the original new tire tread depth), due to a defect in materials and/or workmanship.

This warranty is limited to the respective usable original tread depth, which is the original tread depth reduced by the Tread Wearing Index (TWI) depth.

This limited warranty is applicable only in the United States and Canada and any tire used or equipped on a vehicle registered or operated outside the U.S. and Canada are not covered by this warranty.

HOW TO CALCULATE THE PRORATED AMOUNT

The replacement price will be calculated by multiplying the current WestLake “predetermined price for adjustment” or current advertised selling price at the adjustment location (whichever is lower) by the percentage of usable original tread that has been worn off at the time of adjustment.

You pay for mounting, balancing, and amount equal to the full current Federal

Excise Tax and any other applicable taxes and fees for the comparable new WestLake replacement tire.

PRORATED REIMBURSEMENT EXAMPLE

If your disabled tire had an original 16/32" of usable tread depth and is worn to 8/32" of usable tread remaining you have used 50% and therefore must pay 50% of the predetermined price for adjustment or advertised selling price of a comparable tire, plus an amount equal to the full current Federal Excise Tax applicable to the comparable new replacement tire at the time of adjustment. If the price of the comparable tire is \$400.00, the cost to you would be \$200.00 plus Federal Excise Tax, mounting, balancing and any other applicable taxes.

WHAT IS NOT COVERED

Irregular wear or tire damage due to:

- Road Hazards (i.e. punctures, snags, cuts, impact breaks, etc.)
- Wreck, collision, or fire.
- Improper inflation, overloading, high speed spinup, misapplication, misuse, negligence, racing, chain damage, or improper mounting or dismounting.
- Mechanical condition of the vehicle.
- Ride disturbance after the first 2/32" treadwear or due to damaged wheels or any vehicle condition.
- Any tire intentionally altered after leaving a factory producing the brand of “WestLake” tires to change its appearance (example: white inlay on a black tire)
- Tires with weather cracking which were purchased more than six (6) years prior to presentation for adjustment. If you have no proof of purchase date, tires manufactured six (6) or more years prior to presentation are not covered.
- Tire branded or marked “Non-Adjustable (N/A) or “Blemished” (Blem), or previously adjusted.
- Willful abuse.
- Claims for ozone or weather cracks during original tread life on tires more than 3 years from date of manufacture.
- Mechanical defects (such as brakes, shocks, worn steering and/or suspension parts, rim, etc.)

Failure, damage or irregular wear due to:

- Accident or vandalism, improper misalignment, wheel imbalance, faulty shocks or brakes.
- Misapplication of tire, use of improper rim and/or improper inner tube.
- Alteration of the tire or addition of alien material or transfer from one vehicle to another.
- TBR tire failed due to faulty retreading or material.
- Cost of mounting and balancing service except as noted above.
- With the serial # buffed or cut.
- With remaining tread in any groove equal or less than TWI depth.

- With a ride complaint that occurs after the first 2/32nds of tread wear.
- Loss of time or use, loss of use of vehicle, inconvenience, or any incidental or consequential damages.
- **Material added to a tire after leaving a factory producing the brand of “WestLake” tires:** (example: tire fillers, sealants, or balancing substances). If the added material is the cause of the tire being removed from service, the tire will not be adjusted.

THE WESTLAKE RADIAL CASING PROVISION

TBR Tire Casings in the brand of “WestLake” will be warranted against defects in workmanship or material through **100% of the first and second retread for a period** of six (6) years from the date of the casings DOT serial number or proof of purchase, if available, whichever comes first. If an WestLake TBR tire dealer examines a casing and finds such a defect, Zhongce Rubber Group Co., Ltd. will reimburse the purchaser for the casing according to the following schedule:

Size	Casing Allowance
TUBELESS MEDIUM TRUCK	
10R22.5	\$40.00
11R22.5	\$65.00
11R24.5	\$70.00
TUBELESS LOW PROFILE	
205, 215, 225, 235/75R17.5	\$15.00
225, 245, 265/70R19.5	\$30.00
255, 275/70R22.5	\$65.00
295/75R22.5	\$65.00
315/80R22.5	\$65.00
385, 425, 445/65R22.5	\$75.00
445/50R22.5	\$75.00
285/75R24.5	\$65.00

YOUR LEGAL RIGHTS

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. No representative or dealer has authority to make any representation, promise, or agreement on behalf of ZC RUBBER except as stated herein. Any tire, no matter how well constructed, may fail in service or otherwise become unserviceable due to conditions beyond the control of the manufacturer. Under no circumstances is this a representation that a tire failure cannot occur. This warranty gives you specific legal rights, and you may also have other rights that vary from state to states. This limited warranty is applicable only in the United States.

END OF WARRANTY

A tire has delivered its full original tread life and the new tire coverage of this warranty ends when the treadwear indicators become visible, or six (6) years from the date of original tire manufacture or new tire purchase date. (Without proof of purchase, date of manufacture will be used to determine age.) Casings may continue to be warranted beyond the new tire coverage. Please refer to the Radial Casing Provision for warranty details on casings.

TO OBTAIN AN ADJUSTMENT

In order to be eligible for the limited warranty service, the purchaser must:

- Present the defective tire to an authorized dealer from whom the original purchase was made.
- Present proof of purchase to the satisfaction of the dealer.
- Complete and sign a warranty claim form which is available at any authorized dealer.
- Retain and present the warranty card along with proof of date and place of purchase in order to make a claim. The authorized dealer’s name and address from whom the tires were purchased must be also included on the warranty form.
- At the time of purchase the tire(s) must be properly installed with proper air pressure and the wheels balanced.
- You must pay for taxes, fees or any additional services you order at the time of adjustment.
- No claim will be recognized unless submitted on a Zhongce Rubber Group Co., Ltd. claim form (supplied by the Zhongce Rubber Group Co., Ltd. Commercial TBR Tire Dealer), completely filled out and signed by you, the owner of the tire presented for adjustment, or your authorized agent.

WARNING

Serious injury or property damage may result from:

- **TIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING.** Follow the owner’s manual or tire placard in vehicle.
- **TIRE FAILURE DUE TO EXCESSIVE HIGH SPEED.** Follow the owner’s manual or tire placard in vehicle.
- **EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING.** Only specially trained persons should mount tires.
- **FAILURE TO MOUNT RADIAL TIRES ON APPROVED RIMS.**
- **FAILURE TO DEFLATE SINGLE OR DUAL ASSEMBLIES COMPLETELY BEFORE DISMOUNTING.**
- **TIRE SPINNING.** On slippery surfaces such as snow, mud, ice, etc., do not spin tires in excess of 35 mph (55 kpm), as indicated on the speedometer. Personal injury and severe damage may result from excessive wheel spinning, including tire disintegration or axle failure.



www.westlaketyre.com



www.facebook.com/westlaketyreglobal



ZC RUBBER AMERICA INC.

661 Brea Canyon Rd. Suite 7 Walnut, CA 91789
Tel: 909-598-5585 Toll Free: 855-924-5678 Fax: 909-598-5587
Info@zcrubberamerica.com



zc-rubber.com



facebook.com/zcrubber



twitter.com/zc_rubber



linkedin.com/company/zcrubber