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ZHONGCE RUBBER GROUP CO., LTD.

Version 2 Printed in 2017

2017/2018 CATALOGUE

TRUCK AND BUS TYRES



- A Company established in Year 1958
- No. 1 Tyre Manufacturer in Mainland China
- No. 10 of Top 75 Global Tyre Manufacturers in Year 2017
- Sale revenue reached USD3.23 billion in Year 2016

Zhongce Rubber Group Co., Ltd. (ZC-RUBBER) takes great pride in producing tyres that rate among the best in the world. Our corporate philosophy is all about collaboration with our suppliers, with over 10,000s of companies who sell our products around the world, and with our millions of end customers who trust our tyres every single day.

Our engineers are working together closely with our International Research and Development (R&D) team combined of Japanese and Korean experts. We keep on investing millions of US dollars in establishing various production and testing facilities. Meanwhile the quality control system approved by global tyre manufacturers and

international vehicle manufacturers will guarantee the safety and quality of ZC-Rubber tyres.

Today ZC-Rubber is expanding from a Chinese oriented company to a global tyre manufacturer. The subsidiaries located in Southeast Asia, North America, South America and Europe (coming soon) are serving customers without any difference of time and language. The newly established Thailand plant will produce suitable products for local and nearby markets. Safe and value will be the key supplied by ZC-Rubber, who will craft a better future together with partners and friends all over the world.





WESTLAKE TYRE FEATURES

- Special Tread design for each truck application
- Durability of tyres
- Strong tyre casing for retread
- Cool running tyres helping to save fuel
- Eco-friendly product and REACH conformity
- ISO 9001 certified production

WEST LAKE
PREMIUM TRUCK TYRES

TRUCK AND BUS TYRES

WSL1

Highway Country Road City Construction Site

WTR1

Highway Country Road City Construction Site

WDL1

Highway Country Road City Construction Site

WDM1

Highway Country Road City Construction Site

WTL1

Highway Country Road City Construction Site

WTM1

Highway Country Road City Construction Site

WSR+1

Highway Country Road City Construction Site

WTX1

Highway Country Road City Construction Site

WSR1

Highway Country Road City Construction Site

WSS1

Highway Country Road City Construction Site

WDR+1

Highway Country Road City Construction Site

WDS1

Highway Country Road City Construction Site

WDR1

Highway Country Road City Construction Site

WTS1

Highway Country Road City Construction Site

APPLICATION AND KEY FEATURE LEGEND

L

Long Haul
(Long Run)



- Long distance journey with constant speed and less braking and accelerating
- Excellent paved road condition with less curves
- Less fuel consumption and comfortable ride
- High mileage performance

R

Regional
(All Routes)



- Short to middle distance journey with frequent braking, accelerating and turning
- Good paved road with many curves and unexpected rough conditions
- Challenging road conditions in winter with snow and ice

M

Mixed Service
(Mixed Terrain)



- Used both on and off road with expected aggressive, sharp-edge or muddy road condition
- Heavy loads and outstanding durability at slow speed and constant stopping
- Special protection against the damage caused by the road condition

X

Low Loader
(MaX Load)



- Applicable for heavy load trailers
- Short to long distance transport with reinforced tyre casing for heavy loads

S

Winter
(Snow Proof)



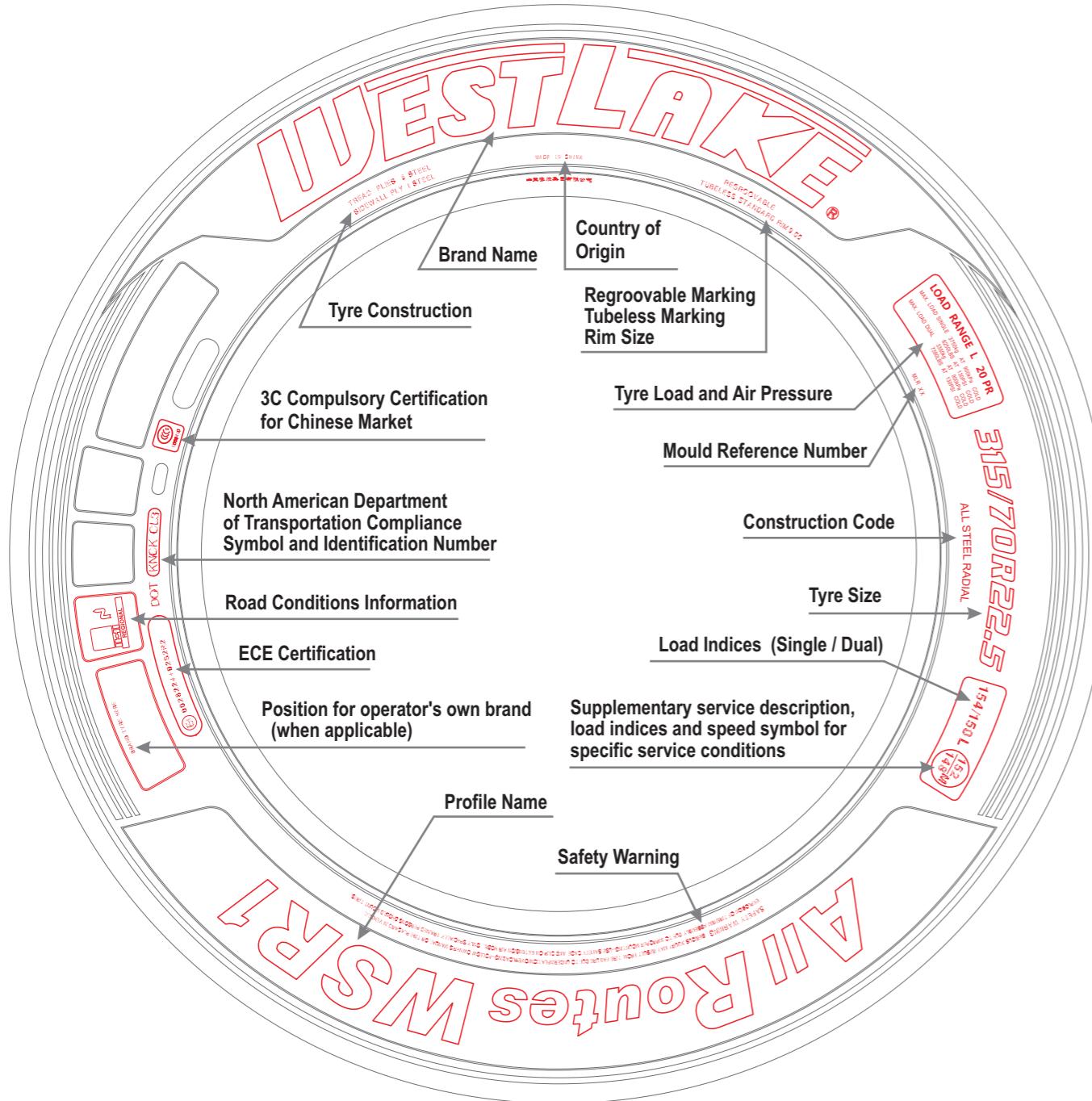
- Designed for winter use only
- Extraordinary traction on snow and ice road surface

TYRE SIDEWALL INSTRUCTION

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

This group of codes and numbers is collectively known as the "tyre markings" and permits a precise identification of the tyre.

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



How to read the Profile Name

WSR1

W ➔ WESTLAKE

S ➔ Steer
D ➔ Drive
T ➔ Trailer

L ➔ Long Run
R ➔ All Routes
M ➔ Mixed Terrain
X ➔ MaX Load
S ➔ Snow Proof

1 ➔ Product Version

TECHNOLOGIES FOR TYRES WITH THE VALUE

Westlake is constantly striving to create the best solutions for each application.

Westlake's commitment to you and to the environment ensures cost-effective quality tyres.

WESTLAKE's Concept

Westlake provides tyres with longer mileage, greater retreadability, more durability and less fuel consumption, in one word, more value, to fleets in Europe.

Given the extreme demands of today's transport industry, Westlake invests on continuous innovation in tyre technology which is essential and helps the fleets who seek for tyre value and cost saving.

Tyre Construction

Tread

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

Belt Edge Cushion

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

Inner Liner

WESTLAKE's inner liner is specially designed to maintain the air pressure of each tyre to avoid any possible tyre 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 tyre.



Belts and Casing

Thin, highly adhesive assembly compounds are used in WESTLAKE's tyre 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 tyre life.

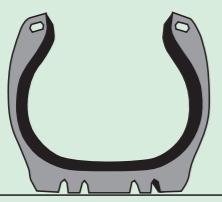
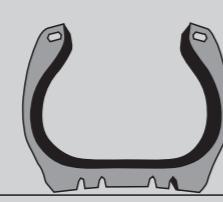
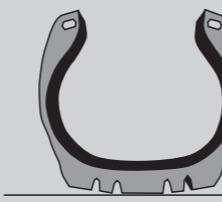
WESTLAKE: YOUR SMART INVESTMENT

Recommendations to ensure the top performance of your WESTLAKE tyres.

Inflation Pressure

Truck tyres for commercial vehicles must be properly inflated to a pressure based on the load, speed and conditions of use for maximum performance in all aspects such as even wear (long mileage), traction and handling stability (riding comfort) in addition to safety issues*.

*Check WESTLAKE's recommendations of PRODUCT TECHNICAL DATA at page 23-24 of this catalogue.

		
CORRECT INFLATION	UNDERINFLATION	OVERINFLATION
maintains even road contact for maximised performance.	causes abnormal tyre deflection, which builds up excessive heat, and risk of failure. It also causes excessive wear on the shoulder.	increases the risk of impact breaks and other road hazard damage. It also causes excessive wear in the centre.

Tyre pressures should be checked on cold tyres at least every two weeks, using a calibrated pressure gauge. Tyres with lower profiles must be checked strictly due to their less visible sidewall deflection.

WESTLAKE provides inflation pressure stickers (shown as the right) with several different values for certain applications to help customers maintain proper pressures. Please contact your WESTLAKE distributor for details.



Retreading

Every new WESTLAKE truck tyre product is designed and constructed for better retreadability. Please consult your WESTLAKE distributor for details.

Regrooving

Regrooving must be undertaken when only between 2 to 3 mm of the original tread pattern remains, in accordance with WESTLAKE's recommendations in this catalogue.

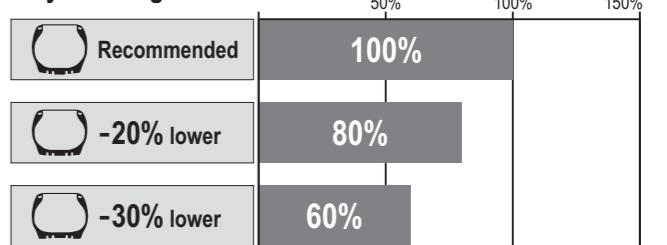
Tyre Wear Factors

FUEL ECONOMY & THE ENVIRONMENT

These tables indicate factors of tyre wear. If all factors are taken into consideration and applied correctly according to your vehicle and situation, it will result in best fuel efficiency and help for the protection of our environment. Please contact your WESTLAKE distributor for more details.

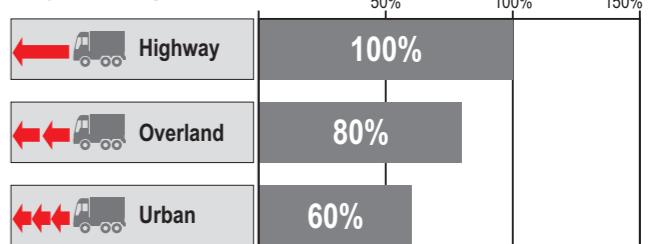
INFLATION PRESSURE

- Tyre Mileage Index in %



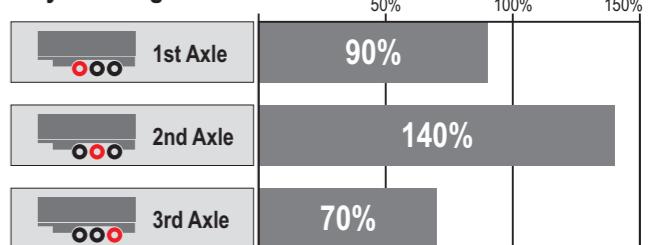
STOP AND ACCELERATION OPERATION

- Tyre Mileage Index in %



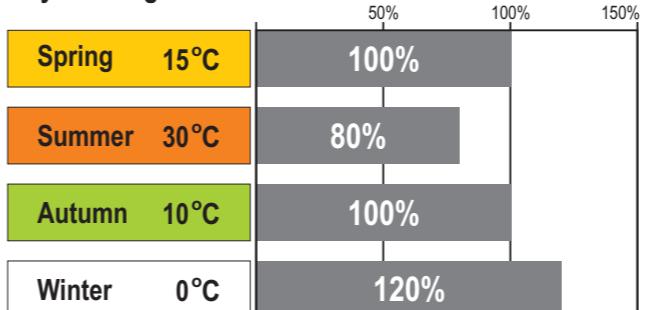
TRAILER AXLES

- Tyre Mileage Index in %



SEASONAL / AMBIENT TEMPERATURES

- Tyre Mileage Index in %



Tyre wear is temperature dependent. WESTLAKE recommends carrying out a tyre service before the summer season.



- Long distance journey with constant speed and less braking and accelerating
- Excellent paved road condition with less curves
- Less fuel consumption and comfortable ride
- High mileage performance

Highway

Country Road

City

Construction Site



WSL1

M+S

Long Run / Steer Axle

New steer tyre designed with innovative WESTLAKE latest technology for long haul application.

- Computer designed tyre structure provides excellent footprint profile and ensures superior comfort.
- Special tread compound guarantees low rolling resistance help to reduce fuel consumption.
- Straight tread pattern designed to minimize uneven wear.

SIZE	SERVICE INDEX				NOISE (dB)
355/50R22.5	156K(154L)	D	C	2	73
385/55R22.5	158L(160K)	D	C	2	73
295/60R22.5	150/147K(149/146L)	D	C	2	73
315/60R22.5	154/150L	D	C	2	73





WDL1

Long Run / Drive Axle



New drive tyre designed with innovative WESTLAKE latest technology for long haul application.

- Deep tread depth and wider tread with robust tread block produce outstanding traction on both dry and wet road surface.
- Special shoulder design with low-heating compound ensures less tread wear longer tyre life.
- Tread pattern designed to enhance mileage, traction and driving stability.

SIZE	SERVICE INDEX				NOISE (dB)
295/55R22.5	147/145K	D	C	2	74
295/60R22.5	150/147K(149/146L)	D	C	2	74
315/60R22.5	154/150K(152/148L)	D	C	2	74



WTL1

Long Run / Trailer Axle



New wide base trailer tyre with WESTLAKE's latest technology for long haul application.

- 5-Rib tread design enhances longer mileage.
- Computer designed tyre structure provides excellent footprint profile and ensures superior comfort and even wear.
- Special tread compound guarantees less fuel consumption with lower rolling resistance.
- Stone ejectors in U-shape grooves minimize the stone holding and penetration.

SIZE	SERVICE INDEX				NOISE (dB)
445/45R19.5	160L	C	C	2	73
435/50R19.5	160J	D	C	2	73
385/55R22.5	160K(158L)	B	C	2	71
385/65R22.5	158L(160K)	C	C	2	71





- Short to middle distance journey with frequent braking, accelerating and turning
- Good paved road with many curves and unexpected rough conditions
- Challenging road conditions in winter with snow and ice

Highway

Country Road

City

Construction Site



WSR⁺¹

M+S

All Routes / Steer Axle

New steer tyre engineered with innovative WESTLAKE's latest technology for local and regional operations with rims of 17.5" and 19.5".

- Computer designed 5-Rib tread provides precise handling.
- Tread sipes alongside tread grooves offer outstanding wet operation and even tread contact on road surface.
- Advanced tyre casing design promises good footprint and avoids uneven wear.

SIZE	SERVICE INDEX				NOISE (dB)
245/70R17.5	136/134M	D	D	2	72
205/75R17.5	124/122M(126/124G)	D	D	2	72
215/75R17.5	128/126M	D	D	2	72
225/75R17.5	129/127M	D	D	2	72
235/75R17.5	132/130M	D	D	2	72
245/70R19.5	136/134M	D	D	2	72
265/70R19.5	140/138M	D	D	2	72
285/70R19.5	146/144M	D	D	2	72



WSR1

M+S

All Routes / Steer Axle

New steer tyre engineered with innovative WESTLAKE's latest technology for local and regional operations.

- Advanced 5-Rib tread provides even wear and remarkable handling.
- Special designed tread pitches ensure low external noise.
- Tread sipes with straight tread grooves guarantee excellent water drainage and outstanding wet traction.
- Computer designed tyre casing promises good footprint to extend tyre life.

SIZE	SERVICE INDEX				NOISE (dB)
385/65R22.5	158L(160K)	C	C	2	71
315/70R22.5	156/150L	C	C	2	71
295/80R22.5	154/149M	D	C	2	71
315/80R22.5	154/151M(156/150L)	C	C	2	71

WDR⁺¹

M+S

All Routes / Drive Axle

New drive tyre designed for local and regional application with rims of 17.5" and 19.5".

- Deep tread depth and wider tread with robust tread blocks ensure outstanding traction on both dry and wet road surfaces.
- Excellent footprint design promises even wear and remarkable tyre life.

SIZE	SERVICE INDEX				NOISE (dB)
245/70R17.5	136/134M	E	D	2	74
205/75R17.5	124/122M	E	D	2	74
215/75R17.5	128/126M	E	D	2	74
225/75R17.5	129/127M	E	D	2	74
235/75R17.5	132/130M	E	D	2	74
245/70R19.5	136/134M	E	C	2	74
265/70R19.5	140/138M	E	C	2	74
285/70R19.5	146/144M	E	C	2	74



WDR1



All Routes / Drive Axle

New drive tyre designed for local and regional application.

- Deep tread depth ensures longer tyre life.
- Directional tread pattern and robust tread blocks produce outstanding traction on both dry and wet road surface.
- Excellent footprint design promises even wear and remarkable tyre life.
- Special shoulder design with low-heating compound minimizes shoulder heel & toe wear.
- Applicable for snow roads with excellent traction capabilities.

SIZE	SERVICE INDEX				NOISE (dB)
315/70R22.5	154/150L(152/148M)	E	C	2	74
295/80R22.5	152/149M	E	C	2	74
315/80R22.5	156/153L(154/151M)	E	C	2	74



WTR1



All Routes / Trailer Axle

New wide base trailer tyre with WESTLAKE's latest technology for local and regional application.

- 5-Rib tread and strong shoulder design provide excellent carrying capacity and longer tyre life.
- Computer designed tyre structure provides excellent footprint profile and ensures superior comfort and even wear.
- Special tread compound guarantees less fuel consumption with lower rolling resistance.
- Stone ejectors in U-shape grooves minimize the stone holding and penetration.

SIZE	SERVICE INDEX				NOISE (dB)
385/55R22.5	160K(158L)	B	C	2	71
385/65R22.5	158L(160K)	C	C	2	71
425/65R22.5	165K	C	C	2	73
445/65R22.5	169K	C	C	2	73





- Used both on and off road with expected aggressive, sharp-edge or muddy road condition
- Heavy loads and outstanding durability at slow speed and constant stopping
- Special protection against the damage caused by the road condition

Highway

Country Road

City

Construction Site



WDM1

M+S

Construction Site / Drive Axle

New strong casing tyre with latest WESTLAKE technology for on & off operation.

- Aggressive directional tread and open tread shoulder with robust tread blocks provide extra traction for On & Off application.
- Special tread compound promises better resistance to cuts and tearing.
- Enhanced sidewall structure minimizes unexpected damage from rough road condition.

SIZE	SERVICE INDEX				NOISE (dB)
13R22.5	156/151K	E	C	2	74
295/80R22.5	152/149K	E	B	2	74
315/80R22.5	156/153K(154/151L)	D	B	2	74





WTM1

M+S

Construction Site / Trailer Axle & Steer Axle

New strong casing multi-service tyre for on & off operation.

- Aggressive tread pattern promises remarkable traction for On & Off application.
- Outstanding self-cleaning tread with stone ejector minimizes stone holding and penetration and ensures longer tyre life.
- Robust tread blocks and rugged sidewall casing allow heavy loads and resist casing penetration and damage.

SIZE	SERVICE INDEX				NOISE (dB)
385/65R22.5	160K(158L)	D	C	2	72



- Applicable for heavy load trailers
- Short to long distance transport with reinforced tyre casing for heavy loads

Highway

Country Road

City

Construction Site



WTX1

M+S

MaX Load / Trailer Axle

New trailer tyres with advanced WESTLAKE technology for long haul and regional application.

- Strong computer designed tyre casing guarantees outstanding capacity for heavy loads and highway.
- Special sipes alongside tread ribs help to minimize heating for high speed running with heavy loads.
- Special tread compound provides higher fuel efficiency with lower rolling resistance without sacrificing tyre mileage.

SIZE	SERVICE INDEX				NOISE (dB)
205/65R17.5	129/127K(132/132F)	D	C	2	71
245/70R17.5	143/141J(146/146F)	D	C	2	71
215/75R17.5	135/133J	D	C	2	71
235/75R17.5	143/141J(144/144F)	D	C	2	71
245/70R19.5	141/140J	C	C	2	71
265/70R19.5	143/141J	C	C	2	71
285/70R19.5	150/148J	C	C	2	72



- Designed for winter use only
- Extraordinary traction on snow and ice road surface

Highway

Country Road

City

Construction Site



WSS1

Snow Proof / Steer Axle



New Steer tyre with WESTLAKE's latest technology for winter application.

- Wide and deep circumferential grooves enhances removal of snow and ice.
- Specific tread compound keep rubber softness in low temperature with good performance.
- Wide tread with advanced block and sipe design provides extra traction for snow and ice road conditions.

SIZE	SERVICE INDEX				NOISE (dB)
315/70R22.5	156/150L(152/148M)	E	C	2	73
315/80R22.5	154/151M(156/153L)	E	C	2	73



WDS1

Snow Proof / Drive Axle



New drive tyre with WESTLAKE's latest technology for winter application.

- Wide open shoulder deliver additional traction without compromising tread life.
- Specific tread compound keep rubber softness in low temperature with good performance.
- Studable tread design provides extra traction for snow and ice road conditions.

SIZE	SERVICE INDEX				NOISE (dB)
315/70R22.5	154/150L(152/148M)	E	C	2	73
315/80R22.5	156/153K(154/151L)	E	C	2	73



WTS1

Snow Proof / Trailer Axle

New wide base trailer tyre with WESTLAKE's latest technology for winter application.

- New trailer winter tyre for severe weather conditions.
- Maximized snow and ice grip with special tread compound and CAD tread pattern.

SIZE	SERVICE INDEX	FUEL EFFICIENCY	WET GRIP	NOISE (dB)
385/55R22.5	160K(158L)	B	C	2 71
385/65R22.5	158L(160K)	B	C	2 71

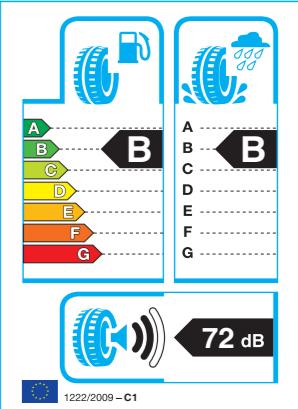
EU TYRE LABEL

In 2012 the European Union introduced a new tyre label, in order to provide standardised information on 3 specific performances; fuel efficiency, wet grip and external rolling noise.

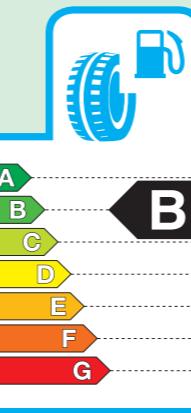
Tyre labelling for passenger cars and light trucks took effect from November 2012, for tyres on sale in the EU under European Regulation (EC/No. 1222/2009) which were manufactured after 1st July 2012.

The label is accompanied on the actual tyre and gives consumers useful information to assist them when purchasing new tyres.

On the right you can find an example of the new EU tyre label. These graphics on the label are similar as those already used for household appliances and more recently new cars.

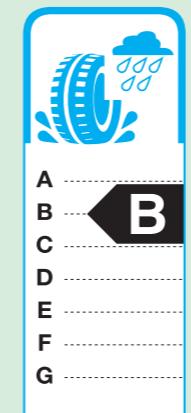


Fuel Efficiency (Rolling Resistance)



Rolling resistance is one of the main resistive forces on a vehicle, which acts as an opposite force to the direction in which the tyre is rolling. The rolling tyre deforms and dissipates energy. The tyre whose rolling resistance is greater, requires more fuel to move the vehicle forward. Therefore rolling resistance influences fuel consumption and the environment directly.

On the top left of the label, this shows 7 classes which range from A (most efficient) to G (least efficient), the grading indicates the tyre's contribution to fuel efficiency and CO₂ emissions.



Wet Grip (Braking Performance)

Wet grip is one of the most important safety aspects of a tyre. The tyres with excellent grip on wet surfaces have shorter braking distance when driving in rainy weather.

There are other important parameters which are also related to safety. However, consumers will be able to check and select for themselves their preferred performance.

On the top right of the label, wet grip is also expressed in classes ranging from A (highest performance) to G (lowest performance).



External Noise

Traffic noise is a major factor of nuisance and a very relevant environmental issue. On the lower part of the label, this indicates the level of exterior tyre noise from the vehicle (not the internal noise heard by the driver), expressed in decibels. The grading indicates the tyre's contribution to traffic noise and the environment. The label displays sound waves and corresponding levels ranging from 1 (least noise) to 3 (highest noise).

1 sound wave

The best noise level performance.(3 dB below the future European limit*)

2 sound waves

The average performance. (Already compliant with the future European limit*)

3 sound waves

The weakest performance. (Compliant with the current European limit)



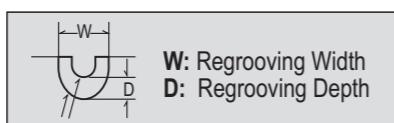
EU Tyre Label Icon Explanation

* = Fuel Efficiency Class on Regulation (EC) No. 1222/2009 amended by Regulation (EC) No. 228/2011 and Regulation (EC) No. 1235/2011
◆ = Wet Grip Class on Regulation (EC) No. 1222/2009 amended by Regulation (EC) No. 228/2011 and Regulation IEC) No. 1235/2011
dB = External Rolling Noise Class and Measured Value (d_B) on Regulation (EC) No. 1222/2009 amended by Regulation (EC) No. 228/2011 and Regulation (EC) No. 1235/2011

Technology Data

		SIZE	PATTERN	LOAD INDEX (ADDITIONAL LOAD)	OVERALL WIDTH (mm)	OVERALL DIAMETER (mm)	LOADED RADIUS (mm)	ROLLING (mm) CIRC. ± 2%	MEASURING RIM (inch)	OPT. RIM (inch)	◎ ● ▲ dB	SINGLE / DUAL	LOAD CAPACITY (kg) AT RELATIVE AIR PRESSURE (kPa / Bar / PSI)																									
													450 475 500 525 550 575				600 625 650 675 700 725 750				775 800 825 850				875 900 925 950													
													4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00	9.25	9.50					
													6.6	6.9	7.3	7.7	8.0	8.4	8.7	9.1	9.5	9.8	10.2	10.6	10.9	11.3	11.6	12.0	12.4	12.7	13.1	13.5	13.8					
													66	69	73	77	80	84	87	91	95	98	102	106	109	113	116	120	124	127	131	135	138					
Long Run	Steer	355/50R22.5	WSL1	156K(154L)	361	928	452	2812	11.75	12.25	D C	2 73	S(156K)																									
		385/55R22.5		158L(160L)	386	996	464	3018	12.25	11.75	D C	2 73	S(158L)																									
		295/60R22.5		150/147K(149/146L)	292	926	435	2806	9.00	9.75	D C	2 73	S																									
		315/60R22.5		154/150L	313	950	445	2879	9.75	9.00	D C	2 73	S																									
	Drive	295/55R22.5	WDL1	147/145K	292	896	422	2715	9.00	9.75	D C	2 74	S																									
		295/60R22.5		150/147K(149/146L)	292	926	435	2806	9.00	9.75	D C	2 74	S																									
		315/60R22.5		154/150K(152/148L)	313	950	445	2879	9.75	9.00	D C	2 74	S																									
	Trailer	445/45R19.5	WTL1	160L	442	893	430	2706	15.00	14.00	C C	2 73	S																									
		435/50R19.5		160J	438	931	437	2821	14.00	15.00	D C	2 73	S																									
		385/55R22.5		160K(158L)	386	996	464	3018	12.25	11.75	B C	2 71	S(160K)																									
		385/65R22.5		158L(160K)	387	1072	494	3248	11.75	12.25	C C	2 71	S(158L)																									
All Routes	Steer	245/70R17.5	WSR+1	136/134M	248	789	369	2406	7.50	6.75	D D	2 72	S																									
		205/75R17.5		124/122M(126/124G)	205	753	353	2297	6.00	5.25/6.75	D D	2 72	S	2180	2260	2350	2430	2520	2600	2690	2770	2860	2940	3030	3110	3200	3300	3400										
		215/75R17.5		128/126M	211	767	359	2339	6.00	6.75	D D	2 72	S	2260	2350	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400												
		225/75R17.5		129/127M	226	783	366	2388	6.75	6.00	D D	2 72	S	2480	2590	2700	2810	2920	3030	3140	3250	3370	3480	3590	3700													
		235/75R17.5		132/130M	233	797	372	2431	6.75	7.50	D D	2 72	S	2560	2670	2790	2900	3010	3130	3240	3350	3460	3580	3690	3800	3900	4000											
		245/70R19.5		136/134M	248	839	389	2559	7.50	6.75	D D	2 72	S	2980	3090	3210	3320	3440	3550	3670	3780	3900	4010	4130	4250	4360	4480											
		265/70R19.5		140/138M	262	867	401	2644	7.50	6.75/8.25	D D	2 72	S	3430	3570	3720	3860	4000	4150	4290	4430	4570	4710	4860	5000													
		285/70R19.5		146/144M	283	895	413	2730	8.25	7.50/9.00	D D	2 72	S	3800	3960	4120	4270	4430	4590	4740	4900	5060	5210	5370	5530	5680	5840	6000										
	WDR1	385/65R22.5	WSR1	158L(160K)	387	1072	494	3248	11.75	12.25	C C	2 71	S(158L)																									
		315/70R22.5		156/150L	312	1014	468	3093	9.00	9.75	C C	2 71	S	5100	5300	5500	5700																					

REGROOVING PROCEDURE



W: Regrooving Width
D: Regrooving Depth

Long Run

WSL1		WDL1		WTL1	
Pattern when new		Pattern when new		Pattern when new	
Pattern when 70% worn		Pattern when 70% worn		Pattern when 70% worn	
Pattern after regrooved		Pattern after regrooved		Pattern after regrooved	
TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE
355/50 R 22.5	2.3mm	7.0mm	295/55 R 22.5	2.5mm	7.0mm
385/55 R 22.5	2.3mm	7.0mm	295/60 R 22.5	2.5mm	7.0mm
295/60 R 22.5	2.3mm	7.0mm	315/60 R 22.5	2.5mm	7.0mm
315/60 R 22.5	2.3mm	7.0mm	315/60 R 22.5	2.5mm	7.0mm

All Routes

WSR+1		WDR+1			
Pattern when new		Pattern when new			
Pattern when 70% worn		Pattern when 70% worn			
Pattern after regrooved		Pattern after regrooved			
TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE		
445/45 R 19.5	2.3mm	7.0mm	245/70 R 17.5	2.5mm	7.0mm
295/55 R 19.5	2.3mm	7.0mm	205/75 R 17.5	2.5mm	7.0mm
215/75 R 17.5	2.5mm	7.0mm	215/75 R 17.5	2.5mm	7.0mm
225/75 R 17.5	2.5mm	7.0mm	225/75 R 17.5	2.5mm	7.0mm
235/75 R 17.5	2.5mm	7.0mm	235/75 R 17.5	2.5mm	7.0mm
245/70 R 19.5	2.5mm	7.0mm	245/70 R 19.5	2.5mm	7.0mm
265/70 R 19.5	2.5mm	7.0mm	265/70 R 19.5	2.5mm	7.0mm
285/70 R 19.5	2.5mm	7.0mm	285/70 R 19.5	2.5mm	7.0mm

All Routes

WSR1		WDR1		WTR1	
Pattern when new		Pattern when new		Pattern when new	
Pattern when 70% worn		Pattern when 70% worn		Pattern when 70% worn	
Pattern after regrooved		Pattern after regrooved		Pattern after regrooved	
TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE
385/65 R 22.5	2.3mm	7.0mm	315/70 R 22.5	2.5mm	7.0mm
315/70 R 22.5	2.3mm	7.0mm	355/80 R 22.5	2.5mm	7.0mm
295/80 R 22.5	2.3mm	7.0mm	315/80 R 22.5	2.5mm	7.0mm
315/80 R 22.5	2.3mm	7.0mm	445/65 R 22.5	2.3mm	7.0mm

Mixed Terrain

WDM1		WTM1			
Pattern when new		Pattern when new			
Pattern when 70% worn		Pattern when 70% worn			
Pattern after regrooved		Pattern after regrooved			
TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE		
13 R 22.5	3.0mm	7.0mm	385/65 R 22.5	2.3mm	7.0mm
295/80 R 22.5	3.0mm	7.0mm			
315/80 R 22.5	3.0mm	7.0mm			

All Routes

WSS1		WDS1		WTS1	
Pattern when new		Pattern when new		Pattern when new	
Pattern when 70% worn		Pattern when 70% worn		Pattern when 70% worn	
Pattern after regrooved		Pattern after regrooved		Pattern after regrooved	
TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE	TYRE SIZE	DIMENSION OF REGROOVE
315/70 R 22.5	2.5mm	7.0mm	315/70 R 22.5	2.5mm	7.0mm
315/80 R 22.5	2.5mm	7.0mm	385/55 R 22.5	2.5mm	7.0mm
385/65 R 22.5	2.5mm	7.0mm	385/65 R 22.5	2.5mm	7.0mm

TECHNICAL INFORMATION

Regrooved pattern is shown in black.
Recut depth listed is maximum value.
Recut width listed has ± 1 mm tolerance

Speed symbol

The speed symbol refers to the maximum speed capabilities of the tyre. It is only valid for tyres that are properly inflated and loaded within their assigned load index.

Speed symbol	Speed (km/h)
E	70
F	80
G	90
J	100
K	110
L	120
M	130

Load index

The load index is the maximum load-carrying capacity of a tyre under a specific condition.

LI	kg
115	1215
116	1250
117	1285
118	1320
119	1360
120	1400
121	1450
122	1500
123	1550
124	1600
125	1650
126	1700
127	1750
128	1800

LI	kg
129	1850
130	1900
131	1950
132	2000
133	2060
134	2120
135	2180
136	2240
137	2300
138	2360
139	2430
140	2500
141	2575
142	2650

LI	kg
143	2725
144	2800
145	2900
146	3000
147	3075
148	3150
149	3250
150	3350
164	5000
151	3450
165	5150
152	3550
153	3650
154	3750
155	3875
169	5800
170	6000

LI	kg
157	4125
158	4250
159	4375
160	4500
161	4625
162	4750
163	4875
164	5000
165	5150
166	5300
167	5450
168	5600
169	5800
170	6000

NOTE

NOTE
