# TALCATALOGUE

**ALL STEEL TRUCK & BUS RADIAL** 





Made in Thailand / EU Version





Zhongce Rubber Group Co., Ltd (ZC-Rubber) is a global tyre 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 tyre 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 tyres 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 tyre products and the first-rate services. We are still endeavoring to become one of the most respected tyre manufacturers globally and craft a better future with all partners and friends.



Most Advanced Equipment



Latest **Technology** 



Best Raw Material



Least Energy Consumption



Leanest Management



Most Suitable Products



#### Arisun tyre produced by ZC Rubber since 2011

ARISUN, a brand special designed for the North and South American market, focuses on TBR only with high quality and excellent service, also devotes to perfect driving experience for all the customers based on the advanced R&D technology.

Most of the ARISUN tyres achieved the SMARTWAY verification from EPA and meet specific truck requirements in local market by improving fuel economy and increasing energy efficiency.

Key words for ARISUN tyre: High mileage; Fuel efficiency



China Compulsory Certification



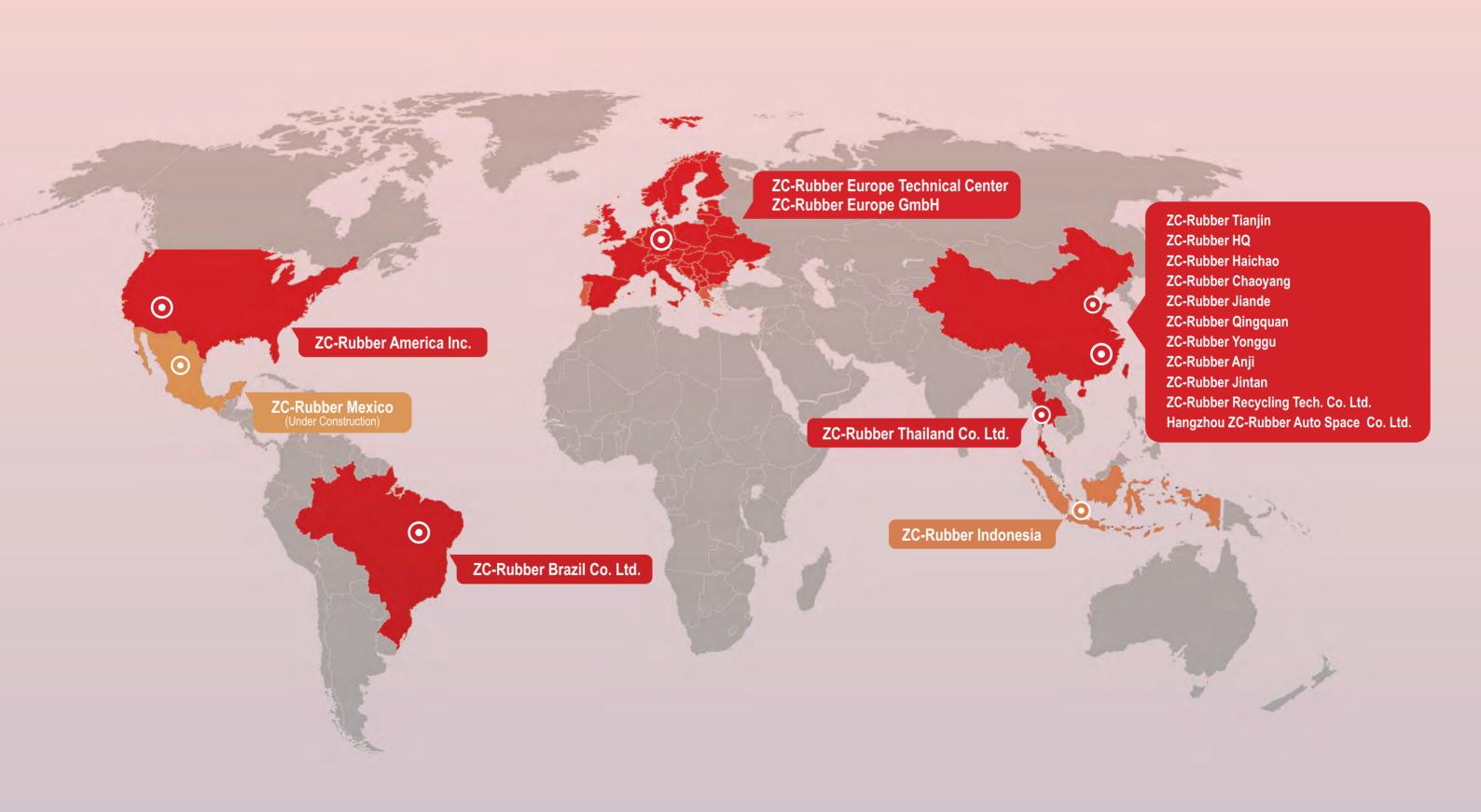


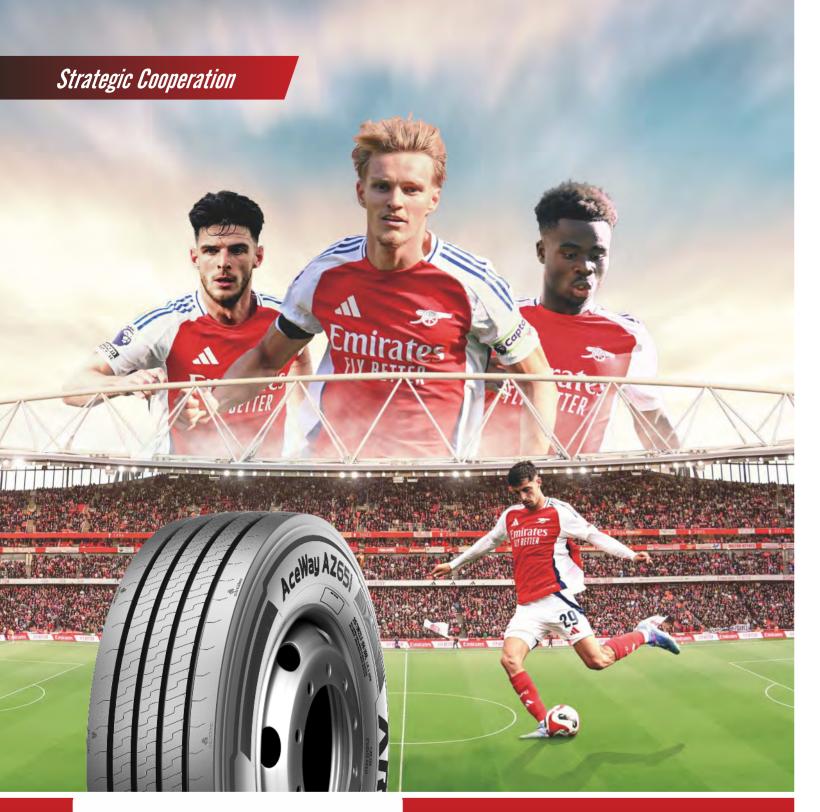






BIS Certification of India







ALWAYS MOVING FORWARD

#### **OE CUSTOMERS**



#### **KEY ACCOUNTS**



#### **KEY SUPPLIERS**































Long Haul

- Four straight tread grooves guarantee excellent water drainage
- Special designed tread pitches ensure low external noise
- Multi kerf provides outstanding traction on wet and snow road surface
- Computer designed tyre casing promises good footprint to extend tyre life







- Long distance journey with constant speed and less braking and accelerating
- Less fuel consumption and comfortable ride
- High mileage performance

		Service			\langle -  \langle \langle	iread	Standard	uverali	Section		Max. Lo	iau Gapi	acity at l	joid Intia	tion Pres	sure	
Size	LR / PR	index			XYdB )))	Depth	Rim	Diameter	Width		Singl	le			Dual		
		IIIUGA		311103	ABC	(mm)	NIIII	(mm)	(mm)	(kg)	(lbs)	(kPa)	(psi)	(kg)	(lbs)	(kPa) (	(psi)
355/50R22.5	L/20	156K(154L)	D	C	74/B	14.0	11.75	928	361	4000	8820	900	130	-	-	-	-
385/55R22.5	L/20	160K(158L)	С	В	74/B	14.0	12.25	996	386	4500	9920	900	130	-	-	-	-
385/65R22.5	L/20	160K(158L)	C	C	74/B	15.0	11.75	1072	389	4500	9920	900	130	-	-	-	-
315/70R22.5	L/20	156/150L	D	С	74/B	15.0	9.00	1014	312	4000	8820	900	130	3350	7390	900 1	130
295/60R22.5	J/18	150/147K	D	C	74/B	14.5	9.00	926	292	3350	7390	900	131	3075	6780	900 1	131
315/60R22.5	L/20	154/150L(152/148M)	D	C	74/B	13.5	9.75	950	313	3750	8270	900	130	3350	7390	900 1	130
295/80R22.5	J/18	154/149M	D	C	74/B	16.0	9.00	1044	298	3750	8270	900	131	3250	7160	900 1	131
315/80R22.5	J/18	156/153L(154/151M)	D	С	74/B	16.0	9.00	1076	312	4000	8820	850	123	3650	8050	850 1	123



- Multi 3D steel plate pattern design, improve pattern block stiffness, provide
- Special tread compound guarantees less fuel consumption with lower rolling











- Wider tread and Higher saturation, provides longer mileage and more
- Multi 3D steel plate pattern design, improve pattern block stiffness, provide better traction performance
- Special tread compound guarantees less fuel consumption with lower rolling resistance





		Corvino	uu Di		) []	Tread	Ctandard	Overall	Section	Max. Lo	ad Capacity at	<b>Cold Inflation Pre</b>	ssure				Coming		(HAC)	111	Tread	Ctandard	Overall	Section	Max. L	oad Capacity at	<b>Cold Inflation Pres</b>	sure	
Size	LR/P	R Service index	10	' M'''	XYdB )),	Depth	Stallual u Dim	Diameter	Width	Singl	е	Du	al	Size	L	LR / PR	JEI VICE	1		XYdB ///	Depth	Stallualu Dim	Diameter	Width	Sing	le	Dua	1	
		IIIUGA		311112	ABC	(mm)	1/1111	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs)	(kPa) (psi)				IIIUGA		311123	WABC ABC	(mm)	MIIII	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs)	(kPa) (psi)	
315/60R2	2.5 L/20	0 154/150L(152/148M)	В	C	72/B	11.0	9.75	950	313	3750 8270	900 130	3350 7390	900 130	295/60F	22.5	J/18	150/147K(149/146L)	В	C	74/B	13.5	9.00	926	292	3350 7390	900 131	3075 6780	900 131	
315/70R2	2.5 L/20	0 156/150L	В	С	72/B	12.0	9.00	1014	312	4000 8820	900 130	3350 7390	900 130	315/60F	22.5	L/20	154/150K152/148L)	С	С	74/B	14.0	9.75	956	313	3750 8270	900 130	3350 7390	900 130	
															22.5	L/20	154/150L(152/148M)	В	С	74/B	13.5	9.00	1014	312	3750 8270	900 130	3350 7390	900 130	

MRISUN













- Directional tread pattern and robust tread blocks produce outstanding traction
- Excellent footprint design promises even wear and remarkable tyre life
- Special shoulder design with low-heating compound minimizes shoulder heel &
- Applicable for snow roads with excellent traction capabilities











- Multi 3D sipes offer low rolling resistance and outstanding traction
- Wide tread width guarantees riding stability and longer mileage





		Carrian				\ Tread	Ctandard	Overall	Section	Max. Lo	ad Capacity at	Cold Inflation Pre	ssure	Size		Conside		WA CO		Tread	Ctandard	Overall	Section	Max. Loa	d Capacity at (	Cold Inflation Pressure	;
Size	LR/	PR Service	<u> </u>	<u> "</u>	XYdB ))	Depth	Stallual u Dim	Diameter	Width	Single	е	Du	al	Size	LR/PR	JEI VILE indov		1077	XYdB ///	Depth	Stallual u Dim	Diameter	Width	Single		Dual	
		IIIUGA		311123	ABC	(mm)	VIIII	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs)	(kPa) (psi)			Service index		311/2	ABC	(mm)	VIIII	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs) (kP	Pa) <b>(psi)</b>
315/70F										4000 8820						156/150L											
295/80F	22.5 J/1	8 154/149M	D	В	74/B	21.0	9.00	1050	298	3750 8270	900 131	3250 7160	900 131	295/80R22.5	J/18	154/149K	Е	C	74/B	20.0	9.00	1050	298	3750 8270	900 131	3250 7160 90	00 131
315/80F	22.5 J/1	8 156/153L(154/151M	I) D	C	74/B	21.0	9.00	1082	312	4000 8820	850 123	3650 8050	850 123	315/80R22 5	.1/18	156/153I (154/151M)	D	C	74/B	21.0	9.00	1076	312	4000 8820	850 123	3650 8050 85	50 123

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LR/PR

L/20

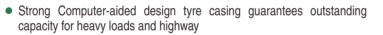
385/55R22.5

385/65R22.5

160K(158L)

160K(158L)





- 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







**Long Haul** 



- Four grooves with zigzag designed provide excellent stone ejection and groove crack prevention
- Wide and solid shoulder design guarantee long mileage
- Stone ejectors in U-shape grooves minimize the stone holding and
- Special tread compound guarantees less fuel consumption with lower





4500 9920

4500 9920 900 130

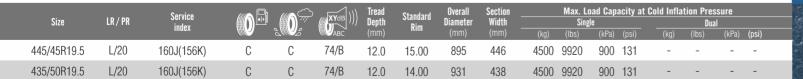
		Service			11)	Tread	Standard	Overall	Section		Max. Lo	ad Cap	acity at (	Cold Infla	tion Pres	sure	
Size	LR / PR	index		. 10	XYdB )))	Depth	Rim	Diameter	Width		Singl	e			Dual		
		IIIuGA		21112	ABC ABC	(mm)	KIIII	(mm)	(mm)	(kg)	(lbs)	(kPa)	(psi)	(kg)	(lbs)	(kPa)	(psi)
205/65R17.5	J/18	129/127K(132/132F)	Е	C	71/B	12.0	6.00	711	205	1850	4080	900	130	1750	3860	900	130
215/75R17.5	H/16	135/133J	Е	С	71/B	12.0	6.00	767	211	2180	4805	850	123	2060	4540	850	123
235/75R17.5	H/16	143/141J(144/144F)	Е	C	71/B	12.0	6.75	797	233	2725	6005	875	128	2575	5675	875	128
245/70R17.5	J/18	143/141J(146/146F)	Е	С	71/B	12.0	7.50	789	248	2725	6005	875	128	2575	5675	875	128
245/70R19.5	J/18	141/140J	C	C	74/B	12.0	7.50	839	248	2575	5675	850	123	2500	5510	850	123
265/70R19.5	J/18	143/141J	С	С	71/B	12.0	7.50	867	262	2725	6005	850	123	2575	5675	850	123
285/70R19.5	J/18	150/148J	C	C	72/B	12.0	8.25	895	283	3350	7390	900	130	3150	6940	900	130

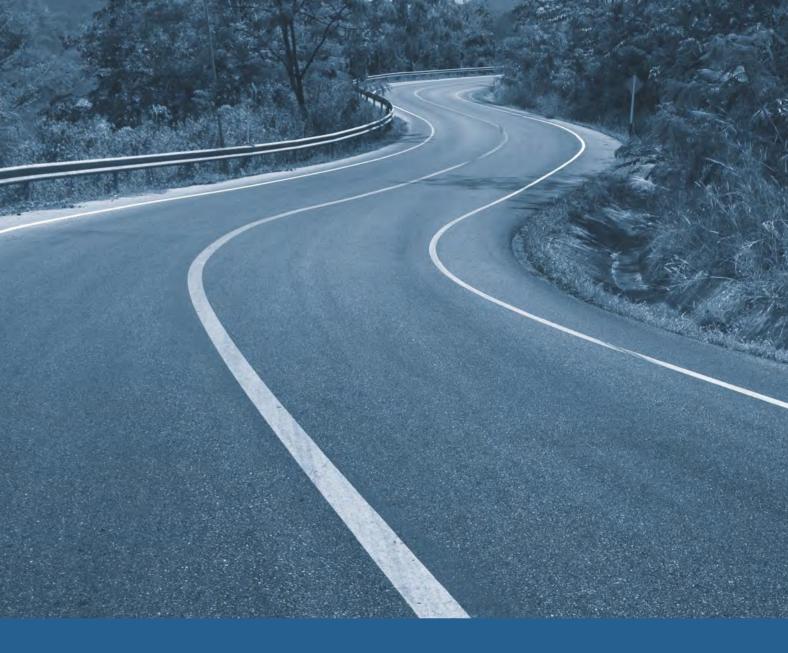
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15.0 11.75 1072 389

74/B









- Shorter journey with frequent braking, accelerating and turning
- Improved road grip with maximum mileage
- Exceptional tough type



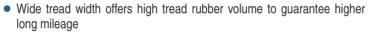












- Four wavy main grooves provide excellent handling and drainage performance on long haul and regional applications
- Multi-lateral kerfs provide better traction and even wear











Regional



- Combination tread block design improves grip ability and driving power
- Multi 3D sipes offer low rolling resistance and outstanding traction
- Wide tread width guarantees riding stability and longer mileage

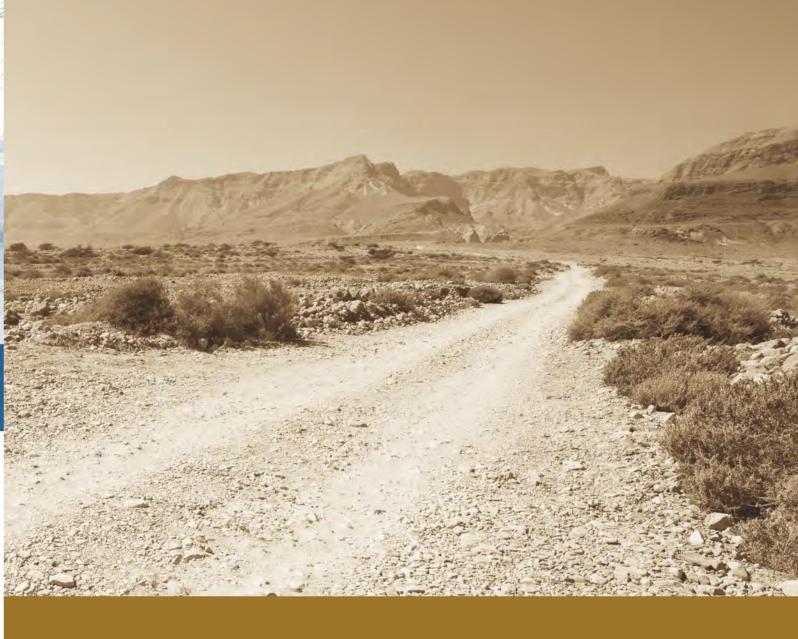




		Carvica	GGG C		5 FR 1V	\ Tread	Ctandard	Overall	Section	Max. Lo	ad Capacity at	<b>Cold Inflation Pre</b>	ssure	_		Carvina		666 C	11)	Tread	Ctandard	Overall	Section	Max. L	ad Capacity at	Cold Inflation Pre	ssure
Size	LR / PR	indov		<u> </u>	XYGB //	) Depth	Dim	Diameter	Width	Singl	e	Du	al	Size	LR / PR	inday		(((())///	<b>A Y</b> (1)	Depth	Dim	Diameter	Width	Sing	e	Dy	al
		IIIUGA			WABC*	(mm)	N.III	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs)	(kPa) (psi)			IIIUGA	9		ABC	(mm)	KIIII	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs)	(kPa) (psi)
215/75R17.	5 G/14	128/126M	Ε	D	74/B	12.6	6.00	676	211	1800 3970	760 110	1700 3750	760 110	215/75R17.5	G/14	128/126M	Е	D	74/B	14.5	6.00	676	211	1800 3970	760 110	1700 3750	760 110
225/75R17.	5 G/14	129/127M	Е	D	74/B	13.0	6.75	783	226	1850 4080	725 105	1750 3860	725 105	225/75R17.5	G/14	129/127M	Е	D	74/B	13.0	6.75	783	226	1850 4080	725 105	1750 3860	725 105
235/75R17.	5 G/14	132/130M	Е	D	74/B	13.0	6.75	797	233	2000 4410	775 112	1900 4190	775 112	235/75R17.5	G/14	132/130M	E	D	74/B	15.0	6.75	797	233	2000 4410	775 112	1900 4190	775 112
225/75R17.	5 G/14	129/127M	E	D	74/B	13.0	6.75	783	226	1850 4080	725 105	1750 3860	725 105	225/75R17.5	G/14	129/127M	E	D	74/B	13.0	6.75	783	226	1850 4080	725 105	1750 3860	7:



		Carvina			111	Tread	Ctandard	Overall Diameter	Section Width		Max. Lo	ad Cap	acity at	Cold Infla	tion Pres	sure		100
Size	LR / PR	Service index		<b>(D</b> )		Tread Depth	Standard Rim		Width		Sing	le			Dua			. 3
		HIUGA		31112	ABC ABC	(mm)	Milli	(mm)	(mm)	(kg)	(lbs)	(kPa)	(psi)	(kg)	(lbs)	(kPa)	(psi)	2.4
245/70R17.5	J/18	143/141J(146/146F)	Е	D	74/B	12.0	7.50	789	248	2725	6005	875	128	2575	5675	875	128	
235/75R17.5	H/16	143/141J(144/144F)	Е	D	74/B	12.0	6.75	797	233	2725	6005	875	128	2575	5675	875	128	1.0



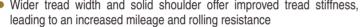


- Used both on and off road
- Heavy loads and outstanding durability
- Special protection against the damage caused by the road condition









- Three zigzag grooves and multi-angular sipes Improve traction and braking performance
- Polygonal block pattern provides outstanding traction and braking













- Premium tyre designed for drive position applicable for rough road
- Aggressive direction tread with robust tread blocks providing extra traction for on/off road condition
- Special rubber compound ensuring more resistance to cuts and tearing







		Service index		eu C		Tread	Ctandard	Overall	Section	Max. Lo	ad Capacity at	Cold Inflation Pres	ssure	Size		Carrina		640 C		Tread	Ctandard	Overall	Section	Max. L	oad Capacity at	Cold Inflation Pres	ssure
Size	LR / PR	indov	(M)	! (M)	XYdB //,	Depth	Stallual u Dim	Diameter	Width	Singl	е	Dua	al	Size	LR / PR	indov		(10)7//	XYdB ///	Depth	Stallual u Dim	Diameter	Width	Sing	le	Dua	al
		IIIUGA		311123	ABC	(mm)	KIIII	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs)	(kPa) (psi)			IIIUGA		31112	WABC ABC	(mm)	MIIII	(mm)	(mm)	(kg) (lbs)	(kPa) (psi)	(kg) (lbs)	(kPa) (psi)
315/80R22.5	J/18	156/153K(154/151L)	Ε	С	74/B	17.5	9.00	1082	312	4000 8820	850 123	3650 8050	850 123			156/151K											
13R22.5	J/18	156/151K	С	В	74/B	18.0	9.75	1124	320	4000 8820	875 128	3450 7610	875 128	315/80R22.5	J/18 1	154/151L(156/150K)	Ε	В	74/B	23	9.00	1076	312	3750 8270	830 120	3450 7610	830 120

MRISUN TYRE CATALOGUE **ALL STEEL TRUCK & BUS RADIAL** 





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







Winter



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





		Service		640 C	) (al XYdB )))	Tread	Standard	Overall	Section		Max. L	oad Capa	city at	Cold Infla	tion Pres	ssure		
Size	LR / PR	index	(10)	1077	XYdB )))	Depth	Rim	Diameter	Width		Sing	gle			Dua	al ,		
		IIIUGA	HE CO	31103	ABC ABC		Willi			(kg)	(lbs)	(kPa)	(psi)	(kg)	(lbs)	(kPa)	(psi)	
385/55R22.5	L/20	160K	D	В	74/B	15.0	12.25	996	386	4500	9920	900	130	-	-	-	-	
385/65R22.5	L/20	160K	D	В	74/B	16.0	11.75	1072	389	4500	9920	900	130	_	_	_	-	





- Frequent speed changes and turning
- Resistance to curb impact
- Excellent road grip and durable high mileage







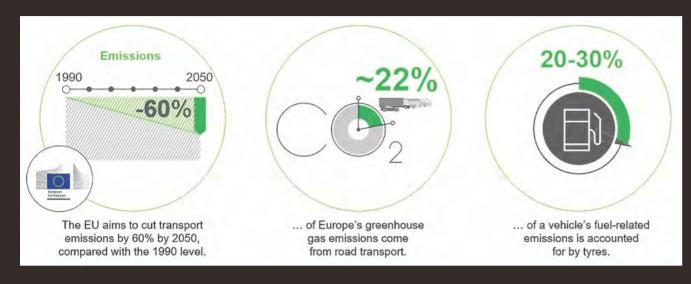
- Variable pitch tread design helps reduce noise and Improve driving stability performance
- Zigzag grooves together with an optimal block provide an improved traction performance
- Excellent sidewall protection minimizes scuff damage from turning and



		Service			)   Var (19 )   )	Tread	Standard	Overall	Section		Max. Lo	ad Cap	acity at (	Cold Infla	tion Pres	sure	
Size	LR / PR	index		(0)	<b>XY</b> dB )))	Depth	Rim	Diameter	Width		Sing	le			Dual		
		IIIUGA	FE CO	311123	ABC		Willi			(kg)	(lbs)	(kPa)	(psi)	(kg)	(lbs)	(kPa)	(psi)
275/70R22.5	H/16	150/145J	-	-	-	20.0	8.25	964	276	3350	7390	900	130	2900	6395	900	130

### INTRODUCING THE NEW EU TYRE LABEL

## Lowering car emissions with EU tyre labels



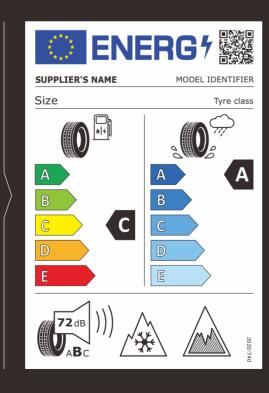
The EU has committed to cutting its greenhouse gas emissions to reach climate neutrality by 2050. Reducing CO<sub>2</sub> emissions from road transport plays a major part in fulfilling these goals.

Choosing more fuel-efficient tyres can contribute to reducing transport emissions. In order to help consumers make informed decisions, the EU is introducing a new labelling scheme for tyres which will come into force on May 1, 2021.

The EU tyre label will allow EU consumers to choose more fuel-efficient tyres, which can lead to great savings for both end users and commercial users in terms of both costs and emissions. Road safety is improved through better wet grip while information on noise levels help reduce traffic-related noise pollution.

### The New EU Tyre Label

- Under the new regulation, bus and truck tyres will also be covered (tyre class C1, C2, C3).
- Additional information (tyre type identifier = art. no.).
- In addition to the standard label, there are also options for including icons relating to **severe snow conditions** (3PMSF) and/or grip in icy conditions (for C1 tyres only).
- Noise classes: ABC replace sound waves.
- Reclassification for lower label classes:
  D is the new E; Class D no longer empty (for C1 & C2 tyres only); F and G merge to form E.
- QR code for each tyre type identifier with link to EU product database (EPREL).










#### ZHONGCE RUBBER GROUP CO., LTD.



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