

2023-2024

PRODUCT CATALOGUE

TRUCK & BUS RADIAL TYRES

GRIPEN[®]
WHEELS

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Aeolus Tyre Co., Ltd. (was founded in 1965) – formerly Henan Tyre – is a fully owned subsidiary of SINOCHEN and a leading tyre manufacturer. SINOCHEN is the biggest shareholder of AEOLUS Tyre and Pirelli.

The company's headquarter and research & development department are located in Jiaozuo/Henan in China, where the production facilities span a floor area of 1,300,000 m² with more than 9000 employees. Since 1965 we have been selling tyres for commercial vehicles and earth-moving machinery to all five continents, which is 57 years of experience.

The manufacturing facilities operate according to strict quality

guidelines and are certified to the quality management standards ISO 9001 and ISO/TS16949. That's why all tyres correspond to the provisions and guidelines of each country, i.e. EU labeling, BIS in India, GSO for Gulf countries and IMMETRO for Brazil.

Neo & Sailor series are the 3rd generation TBR tyres of Aeolus, manufactured under a patent and know-how license from Pirelli Tyre. Neo & Sailor series represent the highest technology and quality standard of Aeolus truck tyres.

1000+

Specifications and varieties of tyres

800K

Annual production of OTR tyres

7M

Annual production of Truck & Bus tyres

140+

Best selling in global regions and countries

233

Patents

500

China's top 500 companies for 15 consecutive years





CONTENTS

TCO SOLUTIONS	06
TECHNOLOGY	08
SUSTAINABILITY.....	10
HOW TO READ TYRE MARKINGS.....	12
PATTERN NAMING METHOD.....	13
BIG AEOLUS SERIES (PREMIUM)	14
NORMAL SERIES	38
TECHNICAL SPECIFICATIONS.....	52
USES & MAINTENANCE	55

TCO *[TOTAL COST OWNERSHIP]* SOLUTIONS

We are always committed to finding solutions for customers' total cost ownership.

When combining the data of fuel consumption, tread wear and market price of the tyres, the total cost of the tyres can be estimated.

According to the test report issued by European professional testing agency, the AEOLUS NEO 435/50R19.5 Fuel T+ would be more economic by 517 € to 559€ per truck and year or by 4,309 € to 4,658 € over the entire lifespan of a truck (1.000.000 km) compared to one certain mainstream product of one of the world's top three tyre manufacturers.



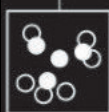


TECHNOLOGY



SATT
Special Advanced Technology for Trucks
Three Sandwich Belts
SATT

- Enhanced even wear
- Longer tyre life
- Increased retreadability
- Improved comfort, and safety
- Better steering precision



DLTC/HSCC

Dual Layer
Tread Compound
High Silica Composite Compound

External layer

- Higher mileage
- Excellent grip on dry and wet condition
- Excellent resistance to low temperature

Internal Layer

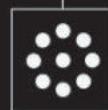
- Reduced heat generation during operation
- Lower rolling resistance (fuel saving)
- Higher structural integrity and tyre life



HPSC/FRC

High Penetration Steel Cord &
Fully Rubberized Cord for Belt

- Extended casing life
- Enhanced fatigue resistance
- Increased retreadability
- Oxidation prevention



SHT

Super High
Tensile Cord

- Better handling
- Lower rolling resistance (fuel saving)
- Increased retreadability





RSR

Rotated
Shoulder Rib

- Enhanced even wear
- Higher mileage



ITALIAN
TECH INSIDE



3D Simulation

3D Numerical
Simulation

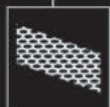
- Faster and more accurate developments
- Excellent predictability of tyre performance



BWC

Bead Wrapped
Chafer

- Higher resistance
- Increased retreadability



HBW

Hexagonal
Bead Wire

- Easier fitting
- Superior thermal stability
- Increased retreadability

At Aeolus, investment in technology and high performance go together. We have the best machinery with advanced technologies, raw materials, and the most sophisticated manufacturing processes to deliver you the finest and most performing tyres.

Aeolus will apply all or part of the above technology on each Neo series product depending on different sizes & application.

SUSTAINABILITY

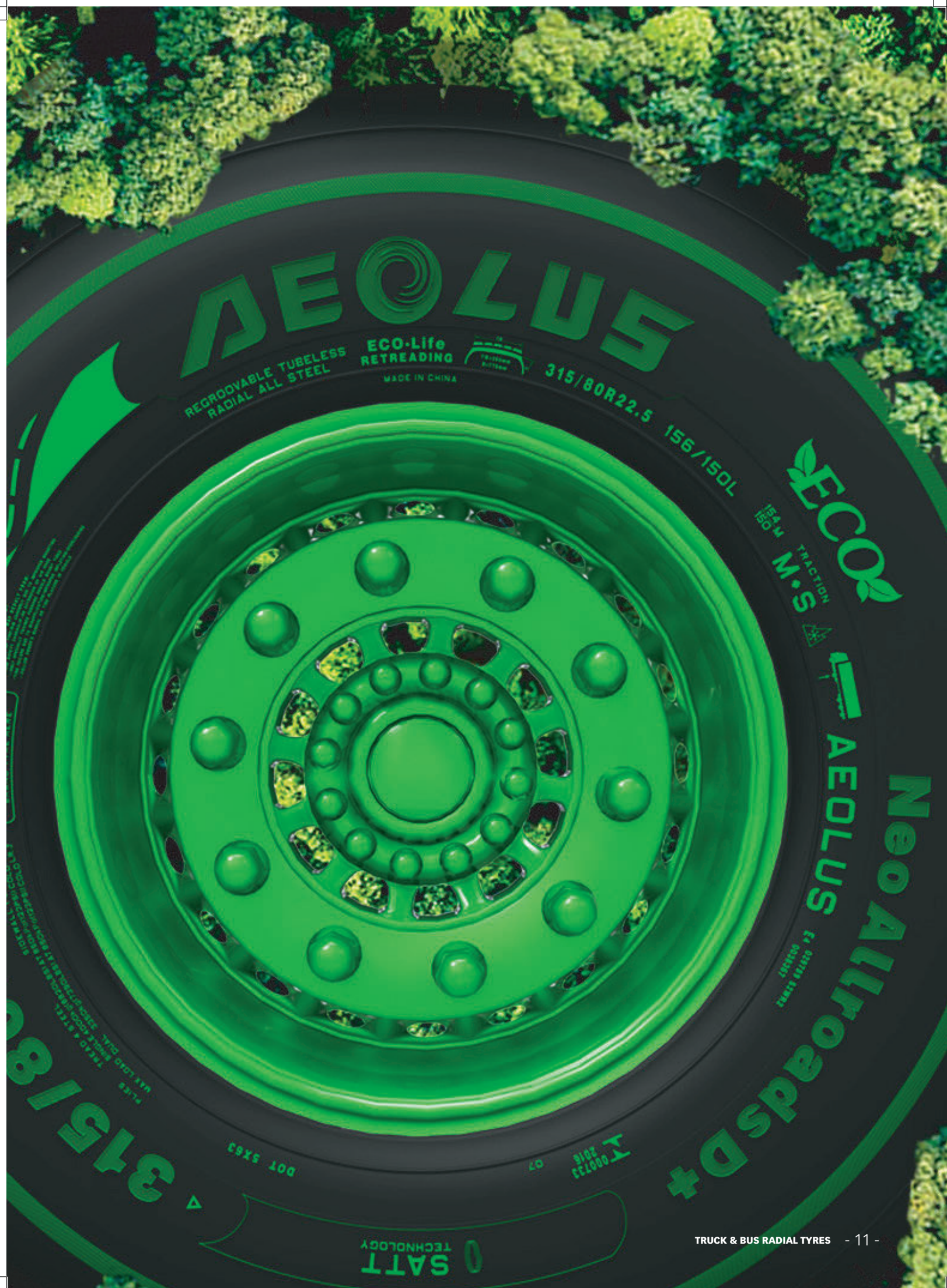
AEOLUS TBR TYRE –The Pioneer of Saving Fuel

AEOLUS TBR TYRES use environmental friendly raw materials, innovative products design and advanced technology. The whole process produces less emission, little dust, low noise and consumes less energy. The products are nontoxic, safe, fuel-saving, low noise, anti-slip, can be retreaded, and comply with EU REACH standards. Aeolus Tyre has better performance of low rolling resistance, thus decreasing energy consumption, saving fuel and lowering exhaust emissions. Aeolus Tyre can save 5% fuel consumption on average.

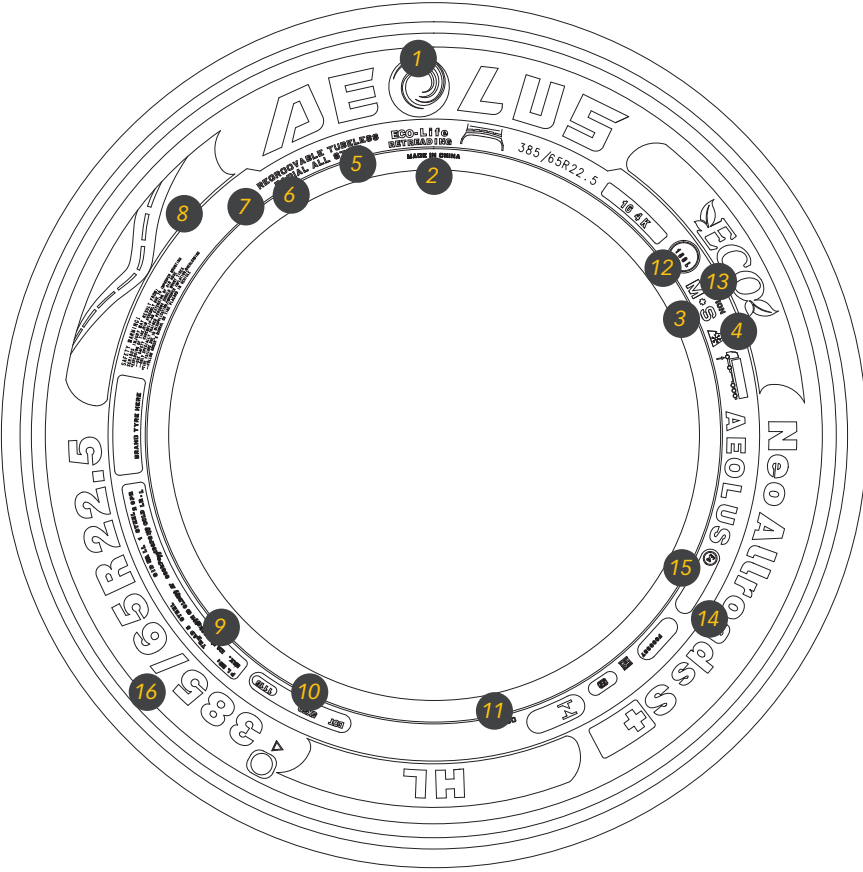
OR 22-5

SAFETY WARNING
READ AND UNDERSTAND
THESE INSTRUCTIONS

PLEASE RE-READ
THESE INSTRUCTIONS
BEFORE EACH USE



HOW TO READ TYRE MARKINGS



1	Manufacturer's name
2	Position for operator's own brand (where required)
3	The inscription "M+S" or "M.S" or "M&S" in the case of a tyre designed to ensure in mud and fresh or melting snow a performance better than that of a normal tyre
4	The "Alpine" symbol ("3-peakmountain with snowflake" see Annex 7 Appendix 1) for all categories if the tyre is classified in the category of use "snow"
5	Tubeless marking (where applicable)
6	Type of construction
7	Regroovable marking (where applicable)
8	Application sign
9	Tyre construction and load/pressure details for North America and ECE-R54 test pressure
10	North American Department of Transportation compliance symbol and identification number
11	Mould reference number
12	Supplementary service description. Load indices and speed symbol for specific service conditions
13	"Traction tyre" means a tyre in class C2 or C3 bearing the inscription TRACTION and intended to be fitted primarily to the drive axle(s) of a vehicle to maximize force transmission in various circumstances
14	Product name
15	Certification ECE-R54 and ECE-R117 certificates

16

Nominal aspect ratio or series (H/S*100)

385/65	R	22.5	158	L	
Nominal section width (or width code)	Construction code	Nominal rim diameter (Code)	Load indices (single / dual)	Speed symbol	Ply rating. Indicates different versions (load capacity/inflation pressure) of tyres having the same size designation
11.00	R	20	149/146	J	16PR

PATTERN NAMING METHOD



Neo	Allroads	S
The first word is on behalf of the series name.	The second word represents the uses or road we recommended.	The third word represents the installation of the wheel we recommended.
We choose the first letter "Neo" from "Neo series" on behalf of the third generation product of Aeolus.	Fuel: Long haul Allroads: Regional use Construct: On/off road Urban: Bus Winter: Winter	S: Steering D: Driving T: Trailer G: All position



A	D	C	52
The first letter on behalf of the company name. We choose the first letter "A" from "Aeolus Tyre" on behalf of the company's name	The second letter represents the installation of the wheel we recommended. S: Steering D: Driving T: Trailer G: All position	The third letter represents the uses or road we recommended L: Long haul R: Regional C: On/Off Road B: Bus M: Off Road W: Winter	The double digit represents pattern identification code

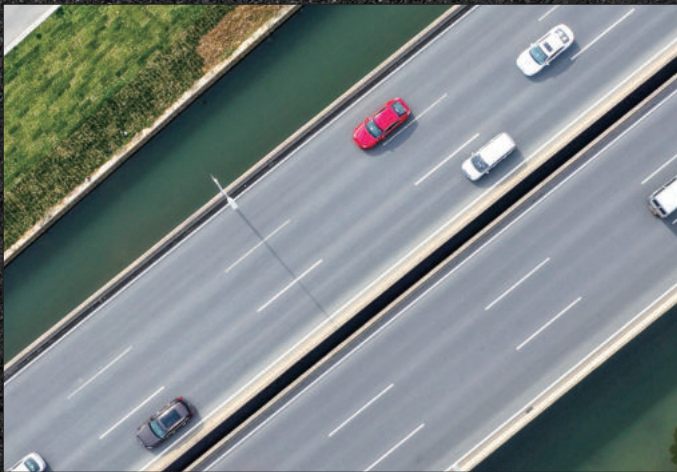
NEO PREMIUM
SERIES **AEOLUS**



(PREMIUM)

NEO & SAILOR SERIES





LONG HAUL



REGIONAL USE

NEO FUEL

NEO ALLROADS



WINTER



URBAN

NEO WINTER

NEO URBAN



ON/OFF ROAD



MINE

NEO CONSTRUCT

**FIND THE RIGHT TYRES FOR
YOUR APPLICATION**



NEO SERIES LONG HAUL

SERVICE CHARACTERISTICS

1,000 to 3,000 miles one way

Long hauls between countries or states

Very slow wear rate

Fairly constant loads

PERFORMANCE CRITERIA

Very smooth ride

Minimize uneven wear

Good stability / handling

Long original tread life

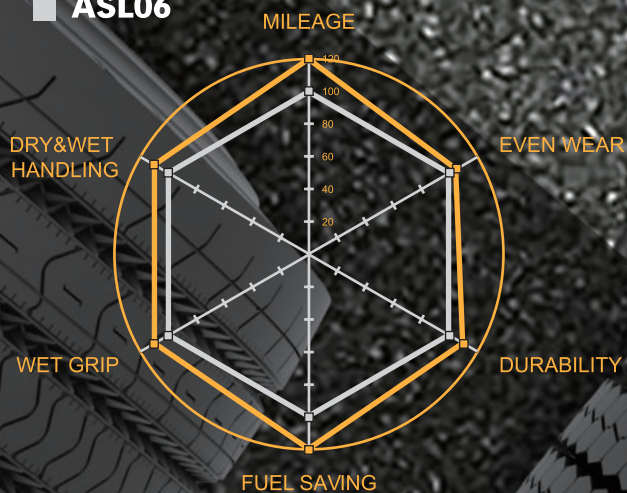
NEO SERIES
LONG HAUL





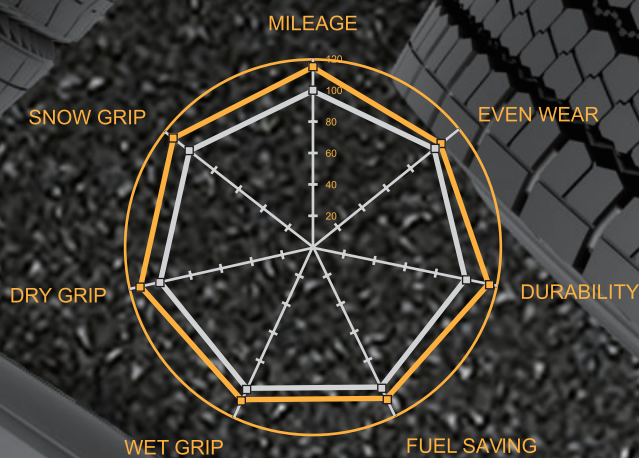
Neo Fuel S

ASL06



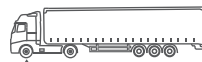
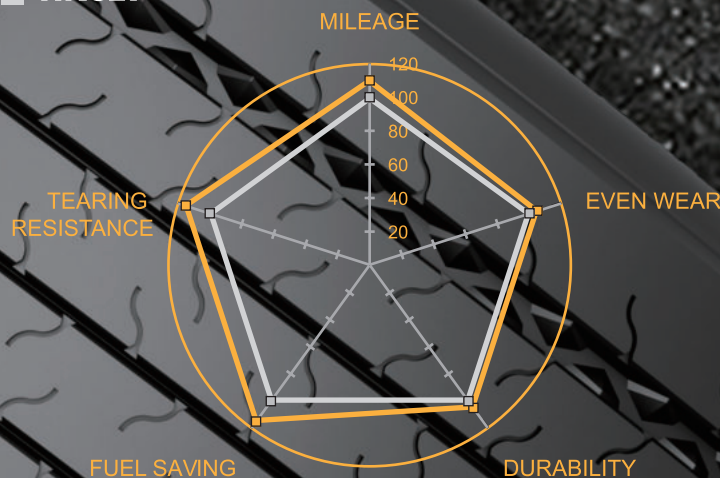
Neo Fuel D

ADL67



Neo Fuel T+

HN829



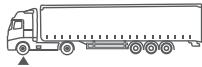
- » Higher load capacity(EURO6 regulation)
- » Excellent drainage and steering performance with connected tread pattern reinforcement and 4 grooves pattern design
- » Great high speed cooling performance with special sipe design
- » Better durability and retreadability with "S" bottom groove design prevent stones embedding
- » Improved mileage and more fuel-saving performance with low heat build-up compound
- » Good fatigue resistance with full rubber penetration steel cord

Neo Fuel S

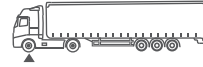


Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
295/60R22.5	150/147K	13.5	D	C	B	72	√	√
315/70R22.5	156/150L	18	B	B	B	72	√	√
315/80R22.5	158/150L	14	B	C	A	71	√	√

NEO SERIES LONG HAUL



- » Granted by the tread pattern design with 4 grooves and robust longitudinal ribs, together with innovative tread compound, better water evacuation and enhanced steering precision
- » The geometry of the ejectors give better stone trapping prevention
- » Great high speed cooling performance with special sipe design
- » High mileage performance and even wear enhanced by the tyre construction and tread profile designed to deliver an optimised footprint
- » Improved mileage and more fuel-saving performance with low heat build-up compound
- » Good fatigue resistance with full rubber penetration steel cord



- » Granted by the tyre tread pattern design with 4 grooves and robust longitudinal ribs, together with innovative tread compound, better water evacuation and enhanced steering precision
- » The geometry of the ejectors give better stone trapping prevention
- » Great high speed cooling performance with special sipe design
- » High mileage performance and even wear enhanced by the tyre construction and tread profile designed to deliver an optimised footprint
- » Improved mileage and more fuel-saving performance with low heat build-up compound
- » Good fatigue resistance with full rubber penetration steel cord

Neo Fuel S+



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
315/60R22.5	154/148L	14	B	C	B	73	√	√
295/80R22.5	154/149M	15.5					√	

Neo Fuel S+ COACH



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
295/80R22.5	154/149M	15.5					√	



- » Driving wheel tyre suitable for long haul;
- » Enhanced mileage and drive performance with wider tread design;
- » Optimise grip performance on wet and dry road with lateral pattern groove design ;
- » Good fatigue resistance with full penetration cord
- » Higher lifecycle and fuel -saving performance with dual tread layer



- » Driving wheel tyre suitable for long haul;
- » Enhanced mileage and drive performance with wider tread design;
- » Longitudinal and transversal groove geometry ensure excellent grip,water evacuation and good acoustic comfort
- » Good fatigue resistance with full penetration cord
- » Higher lifecycle and fuel -saving performance with dual tread layer

Neo Fuel D



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
295/60R22.5	150/147K	18	D	C	A	72	√	√
315/70R22.5	154/150L	18	C	C	A	73	√	√
315/80R22.5	156/150L	18	C	C	A	73	√	√

Neo Fuel D+



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
315/60R22.5	152/148L	18	C	C	B	73	√	√
295/80R22.5	152/149M	17.5	B	C	A	73	√	√



- » Trailer tyre suitable for long haul;
- » Enhance drainage and heat emission performance with multi-longitudinal groove design
- » Special sipe design on rib ensure even wear and mileage
- » Optimise grip and cornering performance on wet and dry road with unique pattern groove design.
- » Good fatigue resistance with full penetration cord
- » Special compound design ensure long-distance fuel-saving performance.

Neo Fuel T+



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
435/50R19.5	160J	12	C	C	B	73	√	



NEO SERIES REGIONAL USE

SERVICE CHARACTERISTICS

Distance vary, 100 to 500 miles typical

Medium distance hauls between cities

Speed vary (35-65MPH)

Medium wear rates

Load May vary

PERFORMANCE CRITERIA

Long original tread life

Good stability / handling

Good ride / traction

Good retreadability

Maximum tread wear

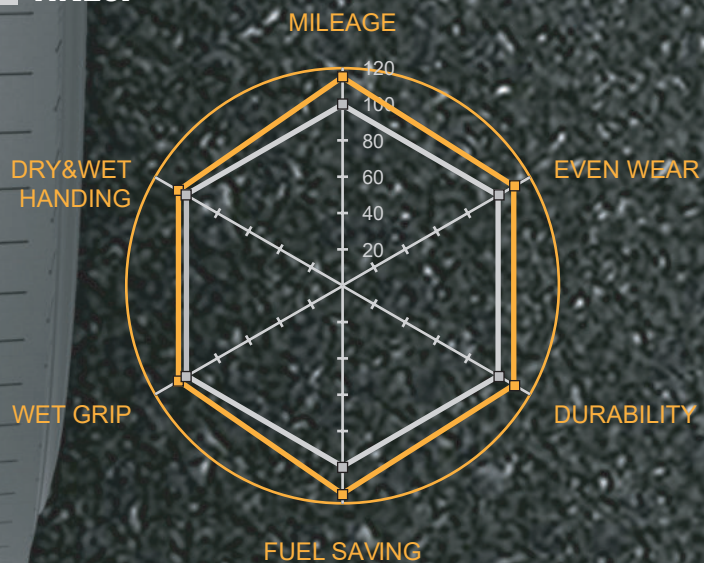
NEO SERIES
REGIONAL USE



NEO PREMIUM
SERIES **AEOLUS**

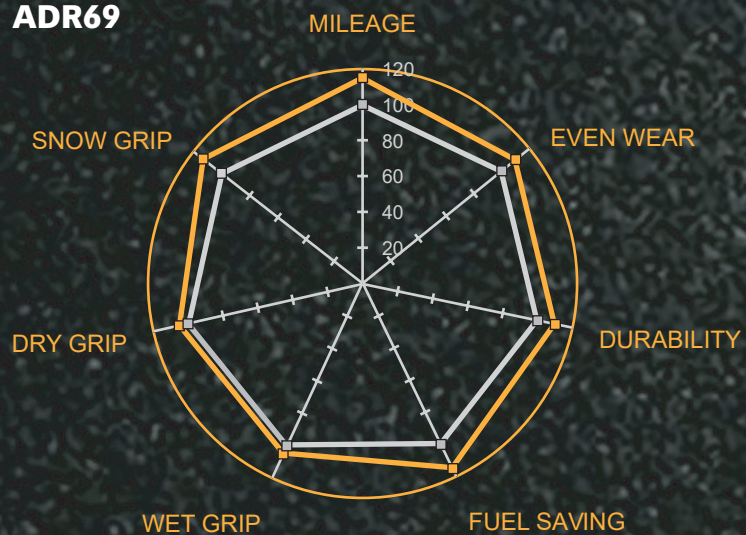
■ **Neo Allroads S**

■ **HN257**

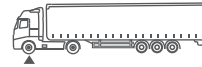


■ **Neo Allroads D+**

■ **ADR69**



NEO SERIES REGIONAL USE



- » Higher load capacity(EURO6 regulation)
- » shorten braking distance and enhance driving safety with 4 zig-zag shape grooves and longitudinal ribs design
- » Good mileage with wider tread and deeper groove design
- » Reduce noise due to the optimised pattern design
- » Great steering, dry and wet road handling performance with optimise groove and sipe design
- » Excellent stone rejection performance with variable angle pattern groove design
- » Compound with high silica content guarantee great performances in a wide range of temperatures and conditions

Neo Allroads S



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
245/70R17.5	136/134M	15	D	C	B	72	√	√
265/70R19.5	140/138M	13	C	B	B	72	√	√
285/70R19.5	146/144L	14	C	C	B	72	√	√
315/70R22.5	156/150L	15.5	B	B	B	73	√	√
215/75R17.5	126/124M	13	D	C	B	72	√	√
235/75R17.5	132/130M	13	D	C	B	72	√	√
295/80R22.5	154/149M	16.5	D	C	B	72	√	√
315/80R22.5	158/150L	16	B	C	B	73	√	√



- » Shorten braking distance and enhance driving safety with 4 zig-zag shape grooves and longitudinal ribs design
- » Good mileage with wider tread and deeper groove design
- » Great steering, dry and wet road handling performance with optimize groove and sipe design
- » Excellent stone rejection performance with variable angle pattern groove design
- » Good fatigue resistance with full penetration cord
- » Higher lifecycle performance with dual tread layer



- » Drive wheel suitable for regional and long haul.
- » Better traction with deeper and bigger grooves and special tread block pitch design
- » Great even wear performance with connected pattern block design,
- » Less noise and more comfortable with irregular pattern block design
- » Better even wear performance with optimised shoulder design
- » Good fatigue resistance with full penetration cord
- » Higher lifecycle performance with dual tread layer

Neo Allroads S+



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
385/55R22.5	160K	15	C	B	B	74	√	√
385/65R22.5	164K	15	B	A	B	73	√	√

Neo Allroads D



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
245/70R17.5	136/134M	15.5	D	C	A	73	√	√
265/70R19.5	140/138M	16.5	D	C	B	74	√	√
285/70R19.5	146/144L	16	C	B	B	74	√	√
215/75R17.5	126/124M	15	D	C	B	74	√	√
235/75R17.5	132/130M	16	D	C	B	74	√	√

NEO SERIES REGIONAL USE



- » Excellent life-cycle with directional tread pattern, deeper grooves and wider tread design
- » Enhanced traction performance on dry and wet road with Special 3D sipes design
- » Special belt structure design ensure excellent durability and multi-retreadability performance
- » Improved life cycle of the product with special sipe heat emission design
- » Enhanced post-use traction performance with special sipe design
- » Good fatigue resistance with full penetration cord
- » Higher lifecycle performance with dual tread layer



- » Trailer use
- » Good mileage with wider tread and deeper groove design
- » Better handling performance with zig-zag shape grooves
- » Less noise and more comfortable with irregular pattern block design
- » Excellent stone rejection performance with variable angle pattern groove design
- » Good fatigue resistance with full penetration cord
- » Compound with high silica content guarantee low rolling resistance and heat generation

Neo Allroads D+



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
295/60R22.5	150/147K	18	D	B	B	75	√	√
315/60R22.5	152/148L	19	D	C	B	73	√	√
315/70R22.5	154/150L	21	C	C	B	76	√	√
295/80R22.5	152/148M	22	E	B	B	74	√	√
315/80R22.5	156/150L	21	D	B	B	75	√	√
11R22.5	146/143L	22.5					√	√

Neo Allroads T2



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
385/55R22.5	160K	15.5	C	C	B	74	√	√
385/65R22.5	164K	16.5	B	B	B	73	√	√
425/65R22.5	165K	16.5	C	C	B	73	√	√
445/65R22.5	169K	16.5	C	B	B	74	√	√
245/70R17.5	143/141J	11	C	B	B	73	√	√
265/70R19.5	143/141J	13	C	C	B	72	√	√
285/70R19.5	150/148J	14.5	C	C	B	72	√	√
215/75R17.5	135/133J	12.5	C	C	B	73	√	√
235/75R17.5	143/141J	12.5	C	C	B	73	√	√



NEO SERIES ON/OFF ROAD

SERVICE CHARACTERISTICS

Tire run on & off road

Off road % is usually less than on road (10-50%)

Variable speed, high loads

Rock, gravel, mud, etc

PERFORMANCE CRITERIA

Good cut & chip resistance

Good traction

Maximum tread wear

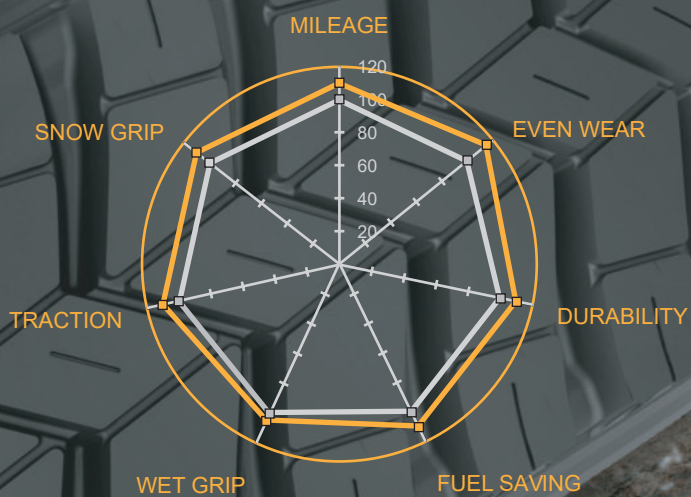
Sidewall / casing durability

NEO SERIES
ON/OFF ROAD



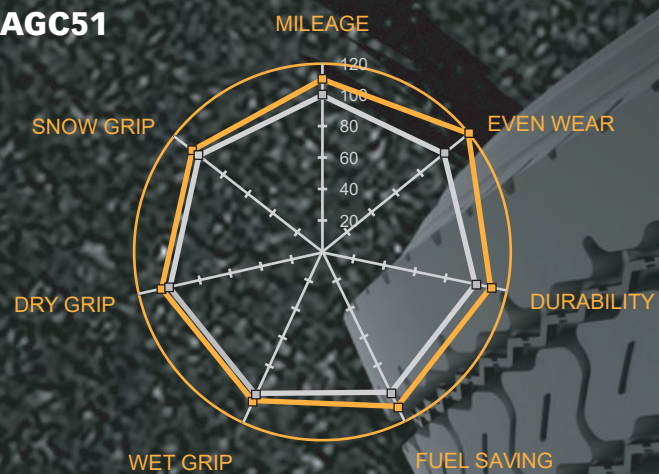
■ **Neo Construct D**

■ **ADC53**

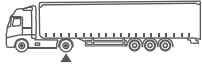


■ **Neo Construct G**

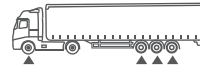
■ **AGC51**



NEO SERIES ON/OFF ROAD



- » Improve driving performance with wider and deeper transverse groove
- » Improved stiffness of tread with connected pattern block design
- » Optimized footprint with advanced shoulder design high loadability with optimized bead design
- » Good fatigue resistance with full penetration cord
- » Higher lifecycle performance with dual tread layer



- » Excellent stone rejection performance with variable angle pattern groove design
- » better tear resistance with stiffener of high rigidity pattern block
- » Special lateral block design offer better traction avoid irregular wear
- » Improve mileage with wider and deeper transverse groove
- » High loadability with optimised bead design
- » Good fatigue resistance with full penetration cord
- » Higher lifecycle performance with dual tread layer

Neo Construct D



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
315/80R22.5	156/150K	23	D	C	B	75	√	√
13R22.5	156/150K	22	D	C	B	74	√	√
325/95R24	162/160K	20.6	C	C	B	74	√	√

Neo Construct G



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
425/65R22.5	165K	19	C	C	B	74	√	√
315/80R22.5	158/150K	16.5	C	B	A	73	√	√
13R22.5	156/150K	18	D	C	A	73	√	√
325/95R24	162/160K	19	C	C	A	73	√	√



NEO SERIES WINTER

SERVICE CHARACTERISTICS

Tyres used mostly on roads

Snow, ice, mud, rain condition

Low temperatures

PERFORMANCE CRITERIA

Superior traction & grip

Under poor conditions

Good tread wear



- » Front wheel application in winter
- » High density of transverse three-dimensional groove design, provides excellent grip on snow road, it has excellent antiskid performance
- » Four zig-zag pattern groove design to provide better steering and control performance
- » Excellent flexibility at low temperature with the unique tread compound design ;
- » Snow flake mark means the excellent winter tyre performance
- » Better performance of low rolling resistance and integrity with high silica.
- » Good fatigue resistance with full penetration cord
- » Better noise performance with Optimized tread depth design

Neo Winter S



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
385/55R22.5	160K	13.5	C	C	B	74	√	√
385/65R22.5	164K	13.5	C	C	B	73	√	√
275/70R22.5	150/148J	15	C	B	B	74	√	√
315/70R22.5	156/150L	16.5	C	B	B	74	√	√
295/80R22.5	154/149M	15.5	C	C	B	74	√	√
315/80R22.5	158/150L	16.5	C	C	B	74	√	√



- » Drive axle in winter
- » High density of transverse three-dimensional groove design, provides excellent grip on snow road, it has excellent antiskid performance
- » Excellent flexibility at low temperature with the unique tread compound design ;
- » Snow flake mark means the excellent winter tyre performance
- » Better performance of low rolling resistance and integrity with high silica
- » Good fatigue resistance with full penetration cord
- » Better noise performance with Optimized tread depth design

Neo Winter D



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
315/70R22.5	154/150L	22	E	C	B	74	√	√

NEO SERIES URBAN

SERVICE CHARACTERISTICS

Within city / urban area

Speeds very variable with lots of stop, go & turning

Loads vary greatly

Very fast wear rates

PERFORMANCE CRITERIA

Maximum tread wear

Good traction

Good sidewall durability

Good retreadability



- >> Coach and bus suitable for all wheel tyres
- >> Longer mileage with deeper tread depth
- >> Better driving performance with 4 pattern grooves design
- >> Improved heat emission with "s" groove and special deeper sipe design
- >> Excellent sidewall protection design minimizes damage from curb
- >> Better performance of low rolling resistance and heat generation with high silica
- >> Good fatigue resistance with full penetration cord



- >> Drive axle use
- >> Bead strength, increase the bead area pressure resistance;
- >> High-strength no-solder steel is used, more loading ability
- >> Zig-Zag groove design, better water expulsion and drive performance
- >> Special shoulder design, even wear
- >> Special stone ejection, excellent self-cleaning performance
- >> Higher lifecycle performance with dual tread layer

Neo Urban G

Neo Urban D



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
275/70R22.5	150/148J	18	C	B	B	73	√	√
305/70R22.5	152/150L	19	D	C	B	72	√	√
295/80R22.5	154/149M	18	B	B	B	72	√	√

Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
275/70R22.5	148/145J	20.5	D	C	A	73	√	√



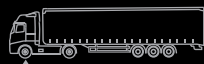


AEOLUS NORMAL SERIES

AEOLUS NORMAL SERIES



REGIONAL
USE



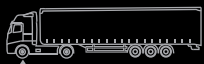
- » Four ZIG-ZAG grooves and robust longitudinal ribs designed to reduced braking distance and to improve road holding as well as driving safety
- » Innovative shoulder tread contour to optimize a correct distribution of footprint contact pressure able to ensure even wear and high mileage
- » Functional sipes and ejectors at the bottom of all grooves to enhance traction and prevent stone trapping
- » Good mileage with wider tread and deeper groove design
- » Compound with high silica content guarantee great performances in a wide range of temperatures and conditions

SAILOR ASR79

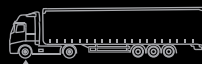


Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
295/60R22.5	150/147K	15	D	C	B	73	√	√
245/70R19.5	144/142J	15	E	C	B	72	√	√
255/70R22.5	140/137M	15	D	C	B	72	√	√
11R22.5	146/143M	15	D	C	A	71	√	√

AEOLUS NORMAL SERIES



- » Four ZIG-ZAG grooves and robust longitudinal ribs designed to reduced braking distance and to improve road holding as well as driving safety
- » Innovative shoulder tread contour to optimize a correct distribution of footprint contact pressure able to ensure even wear and high mileage
- » Functional sipes and ejectors at the bottom of all grooves to enhance traction and prevent stone trapping
- » Good mileage with wider tread and deeper groove design
- » Compound with high silica content guarantee great performances in a wide range of temperatures and conditions



- » Steer wheel for regional use
- » Suitable for good road condition;
- » With excellent anti-side-skid character and drainage character
- » Low rolling resistance character
- » Strong shoulder pattern design and excellent anti- uneven wear character

SAILOR ASR79II



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
12R22.5	152/149M	17					√	

ASR24

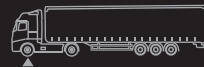


Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
9.5R17.5	136/134M	13	D	B	B	73	√	√

AEOLUS NORMAL SERIES



- » Steer and trailer wheel, regional use
- » Suitable for driving on good road condition
- » With excellent anti-side-skid character, low noise
- » Low rolling resistance and good high-speed character



- » Steer wheel for regional use
- » Suitable for driving on good condition
- » With excellent anti-side-skid character and drainage character

ASR30



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
275/70R22.5	148/145M	15	D	C	A	71	√	√
8.25R15	143/141G	13	D	B	B	73	√	√
10.00R15	148/145G	13.5	D	C	A	71	√	√

ASR35



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
205/75R17.5	124/122M	13					√	√
225/75R17.5	129/127M	13	E	C	B	73	√	√

AEOLUS NORMAL SERIES



- » Steer wheel for regional use
- » With excellent anti-side-skid character
- » Low heat generating, excellent high speed driving character
- » Wide tread design provides good long mileage and anti-wearing character



- » Drive wheel for regional use
- » Suitable for highway and good condition
- » M+S pattern, with good grip character and traction character
- » Good anti-wearing character, long mileage

ASR65



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
10R22.5	144/142M	14.5	C	B	B	73	√	

ADR35



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
205/75R17.5	124/122M	16					√	√
225/75R17.5	129/127M	17					√	√
9.5R17.5	136/134M	16	E	D	A	73	√	√

AEOLUS NORMAL SERIES



- » Drive wheel, regional use
- » M+S pattern, with good traction character, excellent anti-wear character
- » Low heat generating, good high speed driving character



- » Drive wheel for regional use
- » With excellent grip ability and traction character
- » Long mileage, anti-wearing character and great high speed driving character

ADR55



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
255/70R22.5	140/137M	20					√	√
275/70R22.5	148/145M	20	D	C	B	74	√	√
10R22.5	144/142M	15.5	D	C	A	73	√	√
12R22.5	152/149M	23	D	C	B	74	√	√

ATR65



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
385/55R19.5	156J	15	C	B	B	73	√	√



AEOLUS NORMAL SERIES



- » Drive wheel for mixed road surface and poor road condition.
- » Big block design help increase driving ability on mixed road condition and improve grip and traction performance.
- » Open shoulder design prevents uneven wear and improves heat dissipation ability.
- » Reinforced tyre carcass and bead improves the tyre load capacity
- » Special tread compound offers excellent wear resistance and high mileage

ADC52



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
315/80R22.5	156/150K	23	D	B	A	73	√	√
13R22.5	154/151K	24	D	B	A	73	√	√

AEOLUS NORMAL SERIES



- » Drive wheel suitable for mixed road surface and poor road condition.
- » Double nylon reinforce for bead improves load capacity
- » Excellent bead endurance performance to overcome overload and under-inflation
- » The application of high intensity HT cord increases 30% carcass strength comparing with the normal cord
- » Optimized design of the tyre tread ensures even wear. Good performance of grip, traction and drainage



- » Steer, drive and trailer wheel
- » Suitable for relatively poor road condition
- » Great anti-uneven wear ability and high tear resistance
- » Low heat generating and great rear resistance character

ADC53



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
295/80R22.5	152/149L	19	D	B	B	75	√	√
315/80R22.5	154/151M	19.5	D	B	B	74	√	√
11R22.5	146/143L	22.5	E	C	A	73	√	√
12R22.5	152/149L	19.5	D	C	B	74	√	√
13R22.5	154/151K	20.6	D	B	B	74	√	√
11.00R20	152/149K	18.5	D	B	B	75	√	√
12.00R20	154/151K	20.6	E	B	B	75	√	√

AGC08



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
315/80R22.5	154/151L	16.5	C	C	B	72	√	√
10R22.5	144/142L	15.5	D	C	A	71	√	√
11R22.5	146/143L	17	D	B	B	74	√	√
12R22.5	152/149L	17	D	B	B	74	√	√
7.50R16	122/118L	13	E	B	B	73	√	√
8.25R16	126/122L	13	D	C	B	72	√	√
8.25R20	136/134K	14.5	D	B	B	73	√	√
9.00R20	144/142K	15.5	D	B	B	74	√	√
10.00R20	146/143K	16.5	C	B	B	74	√	√
11.00R20	150/147K	17	C	B	B	74	√	√
12.00R20	154/151K	17.5	C	B	B	74	√	√
12.00R24	160/157K	17.5	C	B	B	74	√	√



- >> All Position Product for Mixed Road Use
- >> With powerful grip ability and excellent traction character
- >> Low heat generating character and excellent loading capacity

AGC28



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
385/55R22.5	158L	17	D	B	B	74	√	√
385/65R22.5	164K	16.8	C	C	B	74	√	√
425/65R22.5	165K	16.5	C	C	B	74	√	√
445/65R22.5	169K	16.5	C	C	B	74	√	√
245/70R17.5	143/141J	16.5	E	B	B	74	√	√
255/70R22.5	140/137M	17.5	E	B	B	74	√	√
265/70R19.5	143/141J	17.5	E	B	B	74	√	√
275/70R22.5	148/145M	17.5	D	B	B	74	√	√
215/75R17.5	135/133J	15.5	E	C	B	73	√	√
235/75R17.5	143/141J	16.5	E	B	B	74	√	√

AEOLUS NORMAL SERIES



AEOLUS NORMAL SERIES



OFF ROAD



AEOLUS NORMAL SERIES



- » Drive wheel, on/off road use
- » Suitable for relatively poor road surface application
- » With excellent grip ability and traction character
- » Low heat generating character and excellent loading capacity

AGM10



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
13R22.5	154/151G	22.5						



AEOLUS NORMAL SERIES



WINTER

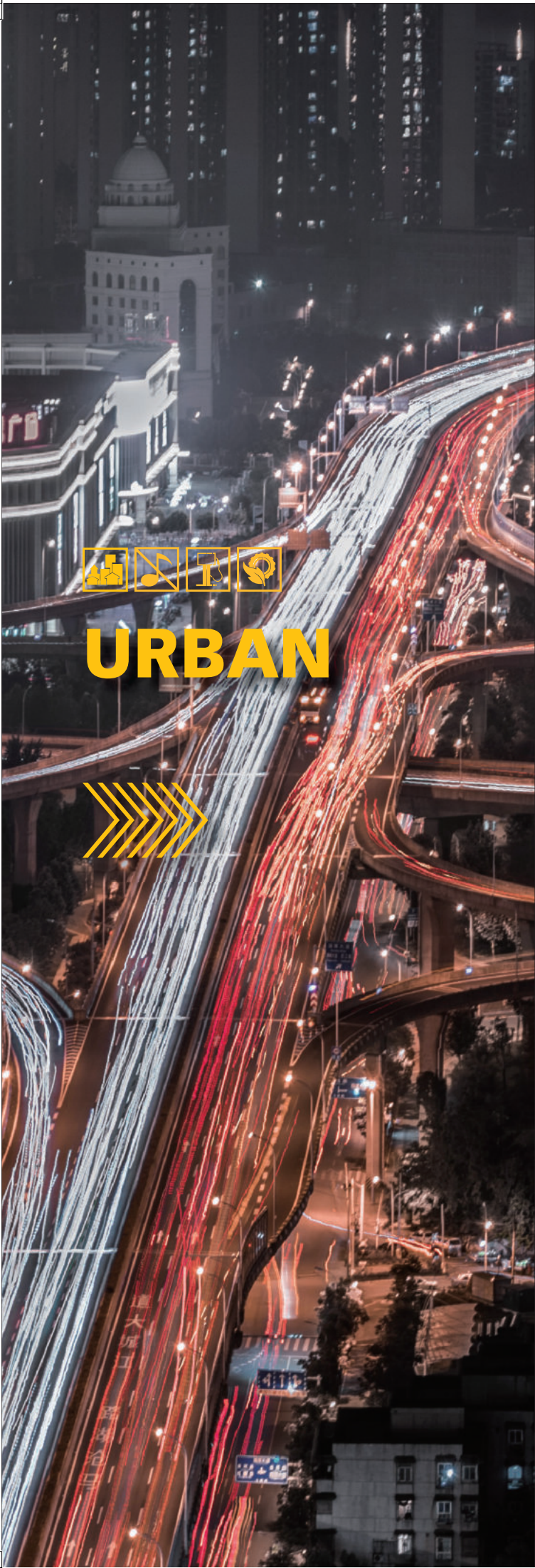


- » Drive wheel, suitable for snow road
- » High-density transverse grooves provide good anti-skid character
- » Special tread compound keep rubber softness in low temperature, with good grip character
- » M+S pattern, with good traction character and long mileage character

ADW80



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
315/80R22.5	154/151M	24	E	C	B	74	√	√



AEOLUS NORMAL SERIES



- » Suitable for all wheel tyres,urban and regional application used
- » Longer mileage with deeper tread depth
- » Better driving performance with 3 pattern grooves design
- » Improved heat emission with "s" groove and special deeper sipe design
- » Excellent sidewall protection design minimizes damage from curb.
- » Better performance of low rolling resistance and heat generation with high silica
- » Good fatigue resistance with full penetration cord

Sailor **AGB23**



Size	LI/SS	Tread Depth (mm)	Rolling resistance	Wet grip	Rolling Noise		M+S	3PMSF
					Class	dB(A)		
265/70R19.5	143/141J	16					√	√
11R22.5	148/145J	20	D	B	B	72	√	√

TECHNICAL SPECIFICATIONS

BIG AEOLUS SERIES DATA

Size	Pattern	Ply Rating	LI/SS	Single Max. Load(kg)	Dual Max. Load(kg)	Single (kPa)	Dual (kPa)	Standard Rim	Rolling Resistance	Wet Grip	Rolling Noise		M+S	3PMSF
						max. pressure	max. pressure				Class	dB(A)		
435/50R19.5	Neo Fuel T+	20	160J	4500	---	900	---	14.00	C	C	B	73	√	
385/55R22.5	Neo Allroads S+	20	160K	4500	---	900	---	12.25	C	B	B	74	√	√
385/55R22.5	Neo Allroads T2	20	160K	4500	---	900	---	12.25	C	C	B	74	√	√
385/55R22.5	Neo Winter S	20	160K	4500	---	900	---	12.25	C	C	B	74	√	√
295/60R22.5	Neo Allroads D+	18	150/147K	3350	3075	900	900	9.00	D	B	B	75	√	√
295/60R22.5	Neo Fuel D	18	150/147K	3350	3075	900	900	9.00	D	C	A	72	√	√
295/60R22.5	Neo Fuel S	18	150/147K	3350	3075	900	900	9.00	D	C	B	72	√	√
315/60R22.5	Neo Allroads D+	20	152/148L	3550	3150	900	900	9.75	D	C	B	73	√	√
315/60R22.5	Neo Fuel D+	20	152/148L	3550	3150	900	900	9.75	C	C	B	73	√	√
315/60R22.5	Neo Fuel S+	20	154/148L	3750	3150	900	900	9.75	B	C	B	73	√	√
385/65R22.5	Neo Allroads S+	20	164K	5000	---	900	---	11.75	B	A	B	73	√	√
385/65R22.5	Neo Allroads T2	20	164K	5000	---	900	---	11.75	B	B	B	73	√	√
385/65R22.5	Neo Winter S	20	164K	5000	---	900	---	11.75	C	C	B	73	√	√
425/65R22.5	Neo Allroads T2	20	165K	5150	---	825	---	12.25	C	C	B	73	√	√
425/65R22.5	Neo Construct G	20	165K	5150	---	825	---	12.25	C	C	B	74	√	√
445/65R22.5	Neo Allroads T2	20	169K	5800	---	900	---	13.00	C	B	B	74	√	√
245/70R17.5	Neo Allroads D	18	136/134M	2240	2120	850	850	7.50	D	C	A	73	√	√
245/70R17.5	Neo Allroads S	18	136/134M	2240	2120	850	850	7.50	D	C	B	72	√	√
245/70R17.5	Neo Allroads T2	18	143/141J	2725	2575	875	875	7.50	C	B	B	73	√	√
265/70R19.5	Neo Allroads D	16	140/138M	2500	2360	830	830	7.50	D	C	B	74	√	√
265/70R19.5	Neo Allroads S	16	140/138M	2500	2360	830	830	7.50	C	B	B	72	√	√
265/70R19.5	Neo Allroads T2	18	143/141J	2725	2575	850	850	7.50	C	C	B	72	√	√
275/70R22.5	Neo Urban D	18	148/145J	3150	2900	900	900	8.25	D	C	A	73	√	√
275/70R22.5	Neo Urban G	18	150/148J	3350	3150	900	900	8.25	C	B	B	73	√	√
275/70R22.5	Neo Winter S	18	150/148J	3350	3150	900	900	8.25	C	B	B	74	√	√
285/70R19.5	Neo Allroads D	16	146/144L	3000	2800	850	850	8.25	C	B	B	74	√	√
285/70R19.5	Neo Allroads S	16	146/144L	3000	2800	850	850	8.25	C	C	B	72	√	√
285/70R19.5	Neo Allroads T2	18	150/148J	3350	3150	900	900	8.25	C	C	B	72	√	√
305/70R22.5	Neo Urban G	20	152/150L	3550	3350	900	900	9.00	D	C	B	72	√	√
315/70R22.5	Neo Allroads D+	18	154/150L	3750	3350	900	900	9.00	C	C	B	76	√	√
315/70R22.5	Neo Allroads S	18	156/150L	4000	3350	900	900	9.00	B	B	B	73	√	√
315/70R22.5	Neo Fuel D	18	154/150L	3750	3350	900	900	9.00	C	C	A	73	√	√
315/70R22.5	Neo Fuel S	18	156/150L	4000	3350	900	900	9.00	B	B	B	72	√	√
315/70R22.5	Neo Winter D	18	154/150L	3750	3350	900	900	9.00	E	C	B	74	√	√
315/70R22.5	Neo Winter S	18	156/150L	4000	3350	900	900	9.00	C	B	B	74	√	√
215/75R17.5	Neo Allroads D	16	126/124M	1700	1600	700	700	6.00	D	C	B	74	√	√
215/75R17.5	Neo Allroads S	16	126/124M	1700	1600	700	700	6.00	D	C	B	72	√	√
215/75R17.5	Neo Allroads T2	18	135/133J	2180	2060	850	850	6.00	C	C	B	73	√	√
235/75R17.5	Neo Allroads D	16	132/130M	2000	1900	775	775	6.75	D	C	B	74	√	√
235/75R17.5	Neo Allroads S	16	132/130M	2000	1900	775	775	6.75	D	C	B	72	√	√
235/75R17.5	Neo Allroads T2	18	143/141J	2725	2575	875	875	6.75	C	C	B	73	√	√
295/80R22.5	Neo Allroads D+	18	152/148M	3550	3150	850	850	9.00	E	B	B	74	√	√
295/80R22.5	Neo Allroads S	18	154/149M	3750	3250	900	900	9.00	D	C	B	72	√	√
295/80R22.5	Neo Fuel D+	18	152/149M	3550	3250	900	900	9.00	B	C	A	73	√	√

TECHNICAL SPECIFICATIONS

BIG AEOLUS SERIES DATA

Size	Pattern	Ply Rating	LI/SS	Single Max. Load(kg)	Dual Max. Load(kg)	Single (kPa)	Dual (kPa)	Standard Rim	Rolling Resistance	Wet Grip	Rolling Noise		M+S	3PMSF
						max. pressure	max. pressure				Class	dB(A)		
295/80R22.5	Neo Fuel S+	18	154/149M	3750	3250	900	900	9.00					√	
295/80R22.5	Neo Fuel S+ Coach	18	154/149M	3750	3250	900	900	9.00					√	
295/80R22.5	Neo Urban G	18	154/149M	3750	3250	900	900	9.00	B	B	B	72	√	√
295/80R22.5	Neo Winter S	18	154/149M	3750	3250	900	900	9.00	C	C	B	74	√	√
315/80R22.5	Neo Allroads D+	18	156/150L	4000	3350	850	850	9.00	D	B	B	75	√	√
315/80R22.5	Neo Allroads S	18	158/150L	4250	3350	900	900	9.00	B	C	B	73	√	√
315/80R22.5	Neo Construct D	18	156/150K	4000	3350	850	850	9.00	D	C	B	75	√	√
315/80R22.5	Neo Construct G	18	158/150K	4250	3350	900	900	9.00	C	B	A	73	√	√
315/80R22.5	Neo Fuel D	18	156/150L	4000	3350	850	850	9.00	C	C	A	73	√	√
315/80R22.5	Neo Fuel S	18	158/150L	4250	3350	900	900	9.00	B	C	A	71	√	√
315/80R22.5	Neo Winter S	18	158/150L	4250	3350	900	900	9.00	C	C	B	74	√	√
11R22.5	Neo Allroads D+	16	146/143L	3000	2725	830	830	8.25					√	√
13R22.5	Neo Construct D	18	156/150K	4000	3350	875	875	9.75	D	C	B	74	√	√
13R22.5	Neo Construct G	18	156/150K	4000	3350	875	875	9.75	D	C	A	73	√	√
325/95R24	Neo Construct D	22	162/160K	4750	4500	850	850	9.00	C	C	B	74	√	√
325/95R24	Neo Construct G	22	162/160K	4750	4500	850	850	9.00	C	C	A	73	√	√

AEOLUS NORMAL SERIES DATA

Size	Pattern	Ply Rating	LI/SS	Single Max. Load(kg)	Dual Max. Load(kg)	Single (kPa)	Dual (kPa)	Standard Rim	Rolling Resistance	Wet Grip	Rolling Noise		M+S	3PMSF
						max. pressure	max. pressure				Class	dB(A)		
385/55R19.5	ATR65	18	156J	4000	---	900	---	12.25	C	B	B	73	√	√
385/55R22.5	AGC28	20	158L	4250	---	900	---	12.25	D	B	B	74	√	√
295/60R22.5	ASR79	18	150/147K	3350	3075	900	900	9.00	D	C	B	73	√	√
385/65R22.5	AGC28	20	164K	5000	---	900	---	11.75	C	C	B	74	√	√
425/65R22.5	AGC28	20	165K	5150	---	830	---	13.00	C	C	B	74	√	√
445/65R22.5	AGC28	20	169K	5800	---	900	---	13.00	C	C	B	74	√	√
245/70R17.5	AGC28	18	143/141J	2725	2575	900	900	7.50	E	B	B	74	√	√
245/70R19.5	ASR79	18	144/142J	2800	2650	900	900	7.50	E	C	B	72	√	√
255/70R22.5	ADR55	16	140/137M	2500	2300	830	830	7.50					√	√
255/70R22.5	AGC28	16	140/137M	2500	2300	830	830	7.50	E	B	B	74	√	√
255/70R22.5	ASR79	16	140/137M	2500	2300	830	830	7.50	D	C	B	72	√	√
265/70R19.5	AGB23	18	143/141J	2725	2575	830	830	7.50					√	√
265/70R19.5	AGC28	18	143/141J	2725	2575	830	830	7.50	E	B	B	74	√	√
275/70R22.5	ADR55	18	148/145M	3150	2900	900	900	8.25	D	C	B	74	√	√
275/70R22.5	AGC28	18	148/145M	3150	2900	900	900	8.25	D	B	B	74	√	√
275/70R22.5	ASR30	18	148/145M	3150	2900	900	900	8.25	D	C	A	71	√	√
205/75R17.5	ADR35	14	124/122M	1550	1450	760	760	6.00					√	√
205/75R17.5	ASR35	14	124/122M	1600	1500	760	760	6.00					√	√
215/75R17.5	AGC28	18	135/133J	2180	2060	830	830	6.00	E	C	B	73	√	√
225/75R17.5	ADR35	16	129/127M	1850	1750	830	830	6.75					√	√

TECHNICAL SPECIFICATIONS

AEOLUS NORMAL SERIES DATA

Size	Pattern	Ply Rating	LI/SS	Single Max. Load(kg)	Dual Max. Load(kg)	Single (kPa)	Dual (kPa)	Standard Rim	Rolling Resistance	Wet Grip	Rolling Noise		M+S	3PMSF
						max. pressure	max. pressure				Class	dB(A)		
225/75R17.5	ASR35	16	129/127M	1850	1750	830	830	6.75	E	C	B	73	√	√
235/75R17.5	AGC28	18	143/141J	2725	2575	900	900	6.75	E	B	B	74	√	√
295/80R22.5	ADC53	18	152/149L	3550	3250	900	900	9.00	D	B	B	75	√	√
315/80R22.5	ADC52	18	156/150K	4000	3350	830	830	9.00	D	B	A	73	√	√
315/80R22.5	ADC53	18	154/151M	3750	3450	830	830	9.00	D	B	B	74	√	√
315/80R22.5	ADW80	18	154/151M	3750	3450	830	830	9.00	E	C	B	74	√	√
315/80R22.5	AGC08	18	154/151L	3750	3450	830	830	9.00	C	C	B	72	√	√
9.5R17.5	ADR35	18	136/134M	2240	2120	900	900	6.75	E	D	A	73	√	√
9.5R17.5	ASR24	18	136/134M	2240	2120	900	900	6.75	D	B	B	73	√	√
10R22.5	ADR55	16	144/142M	2800	2650	900	900	7.50	D	C	A	73	√	√
10R22.5	AGC08	16	144/142L	2800	2650	900	900	7.50	D	C	A	71	√	√
10R22.5	ASR65	16	144/142M	2800	2650	900	900	7.50	C	B	B	73	√	
11R22.5	ADC53	16	146/143L	3000	2725	830	830	8.25	E	C	A	73	√	√
11R22.5	AGB23	18	148/145J	3150	2900	850	850	8.25	D	B	B	72	√	√
11R22.5	AGC08	16	146/143L	3000	2725	830	830	8.25	D	B	B	74	√	√
11R22.5	ASR79	16	146/143M	3000	2725	830	830	8.25	D	C	A	71	√	√
12R22.5	ADC53	18	152/149L	3550	3250	930	930	9.00	D	C	B	74	√	√
12R22.5	ADR55	18	152/149M	3550	3250	930	930	9.00	D	C	B	74	√	√
12R22.5	AGC08	18	152/149L	3550	3250	930	930	9.00	D	B	B	74	√	√
12R22.5	ASR79Ø	18	152/149M	3550	3250	930	930	9.00					√	
13R22.5	ADC52	18	154/151K	3750	3450	830	830	9.75	D	B	A	73	√	√
13R22.5	ADC53	18	154/151K	3750	3450	830	830	9.75	D	B	B	74	√	√
13R22.5	AGM10	18	154/151G	3750	3450	830	830	9.75						
7.50R16	AGC08	14	122/118L	1500	1320	770	770	6.00G	E	B	B	73	√	√
8.25R15	ASR30	18	143/141G	2725	2575	850	850	6.5	D	B	B	73	√	√
8.25R16	AGC08	14	126/122L	1700	1500	670	670	6.50H	D	C	B	72	√	√
8.25R20	AGC08	14	136/134K	2240	2120	830	830	6.5	D	B	B	73	√	√
9.00R20	AGC08	16	144/142K	2800	2650	900	900	7.0	D	B	B	74	√	√
10.00R15	ASR30	18	148/145G	3150	2900	850	850	7.5	D	C	A	71	√	√
10.00R20	AGC08	16	146/143K	3000	2725	830	830	7.5	C	B	B	74	√	√
11.00R20	ADC53	18	152/149K	3550	3250	930	930	8.0	D	B	B	75	√	√
11.00R20	AGC08	16	150/147K	3350	3075	830	830	8.0	C	B	B	74	√	√
12.00R20	ADC53	18	154/151K	3750	3450	830	830	8.5	E	B	B	75	√	√
12.00R20	AGC08	18	154/151K	3750	3450	830	830	8.5	C	B	B	74	√	√
12.00R24	AGC08	20	160/157K	4500	4125	900	900	8.5	C	B	B	74	√	√

USES & MAINTENANCE

1 TYRE PRESSURE

- » The working pressure of tyres should be in accordance with the current national standard and the intended application.
- » It's necessary to regularly inspect for air leakage, treating any leakage in a timely manner.
- » Ensure that the air pressure is normal. For prolonged continuous use, tyre pressure should be regularly checked; if vehicle is not operated for more than six months, tyre inspection is recommended.
- » Do not bleed or inflate tyre while hot as this may result in either insufficient or excessive pressure.
- » Ensure that dual tyres and coaxial tyres are maintained at the same pressure.
- » The spare tyre should be regularly inspected and maintained in a usable state.

2 PROPER TYRE INFLATION

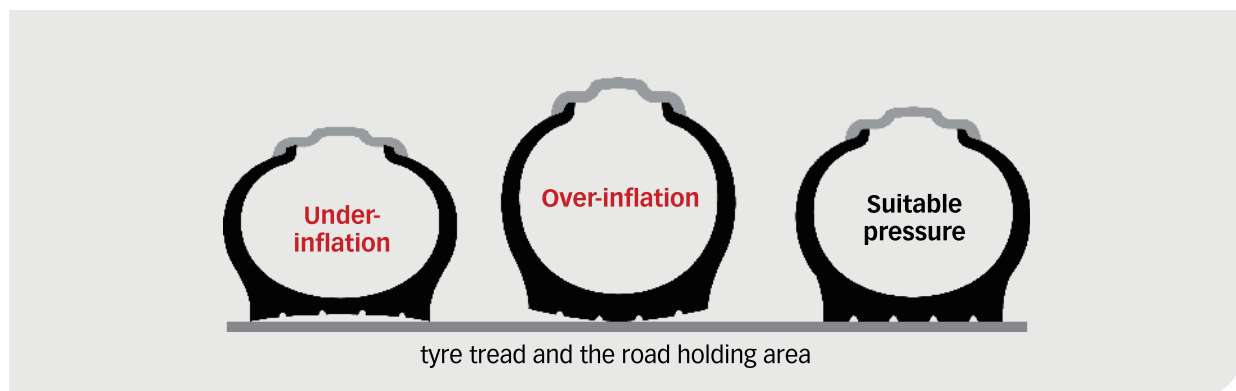
Proper inflation ensures tyre tread remains fully in contact with the road surface, improving traction, breaking performance and safety.

3 THE ADVERSE EFFECTS OF UNDER-INFLATION

- » Reduced tyre life, especially the Drive tyre.
- » Crown of the tyre more easily to bruised, resulting in chip and chunking.
- » Reduced ride the comfort.
- » Reduced grip.
- » Reduced the durability; thereby reducing the ability to retread.

4 UNFAVORABLE EFFECTS OF TYRE OVER-INFLATION

- » Reduced tyre life, especially the Drive tyre.
- » Crown of the tyre more easily to bruised, resulting in chip and chunking.
- » Reduced ride the comfort.
- » Reduced grip.
- » Reduced the durability; thereby reducing the ability to retread.



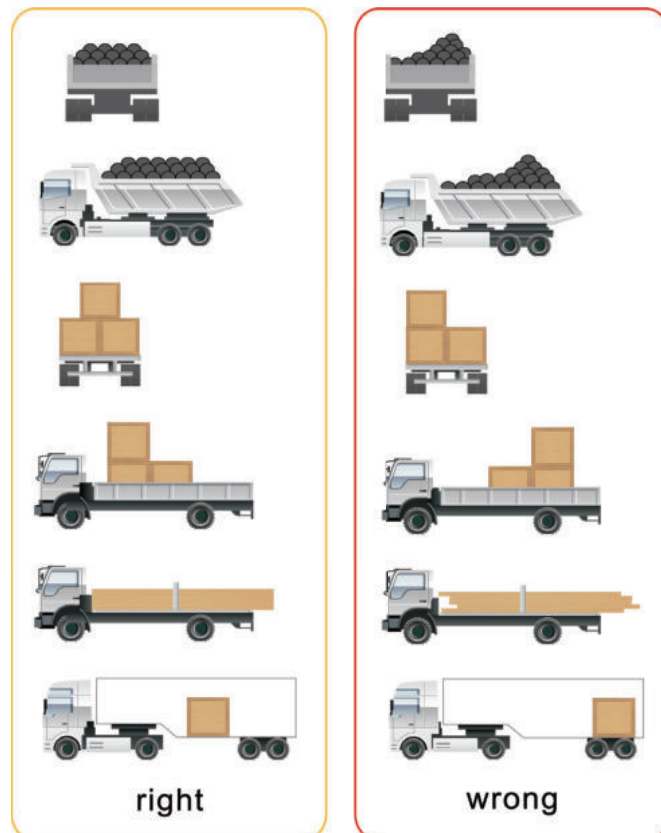
USES & MAINTENANCE

5 LOADING

- » The load on tyres should be in accordance with the current national standards; avoid overloading.
- » Overloading will shorten tyre life. Overloaded tyres will build up heat quickly, causing damage including shoulder separation and bead explosion.
- » Tyres with high ply rating or bearing heavy load should not be run at high speed for prolonged periods.
- » Cargo load should be distributed load in order to avoid uneven load over a single tyre.

6 TYRE CARE TECHNIQUES

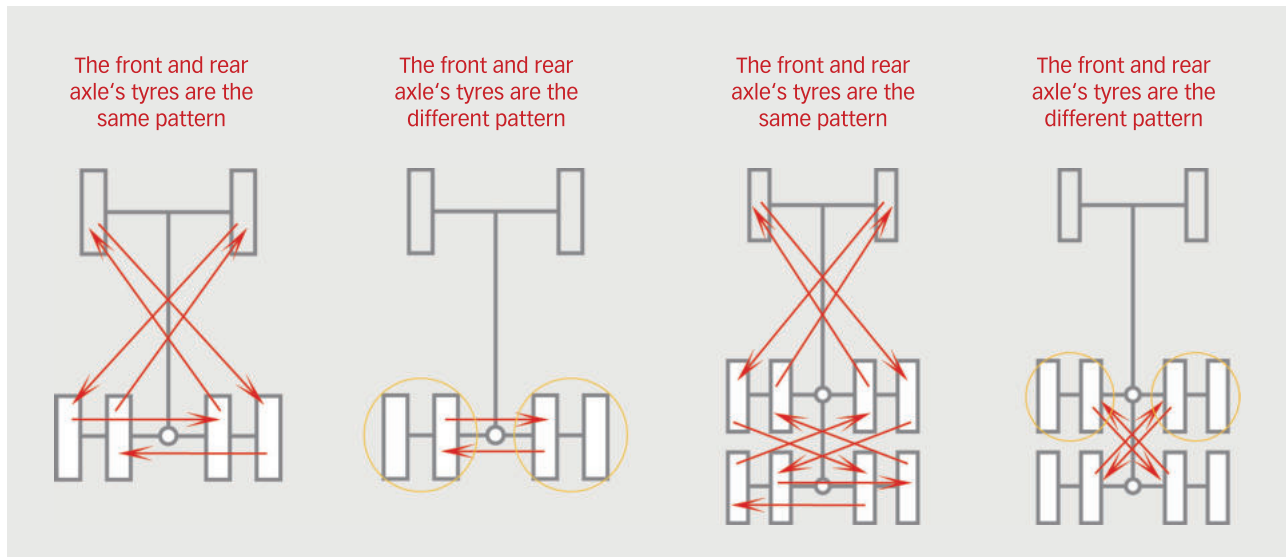
- » If the vehicle is operated at high speed for a long distance, it should be stopped periodically to allow tyre heat to dissipate. Do not spray with cool water to reduce heat.
- » The vehicle should avoid sudden acceleration, emergency brake and sharp turns.
- » Take care to prevent excessive speeds and, overloading.
- » In poor road conditions, drive more slowly to avoid tyres being impacted by sharp objects.
- » Tyres should be inspected often, with any damage found repaired immediately.
- » A tyre should be replaced as soon as the tyre is worn to the wear mark.
- » A retreaded tyre should not be used as Steering tyre to ensure security of the vehicle.
- » After driving at high speed for 1-2 hours, it is recommended to rest 15-20 minutes and check the tyres.



USES & MAINTENANCE

7 ROTATION

Generally, front wheels under the influence of brakes, are more prone to uneven wear. Rear positions, especially the Drive position, wear more quickly than Steer tyres due to heavy loads. Refer to the figure below for tyre rotation method.



8 BRAKING SYSTEM

Improper balance or components fault may lead to pneumatic brake breakdown, causing uneven tyre wear and damage.

Fault	Possible Reasons	Result
Excess heat caused by braking	<ol style="list-style-type: none">1. Improper shift on downhill leading to rapid heat buildup2. Repeatedly start and stop with no time for cool down3. Improper adjustment causing one or more brakes to exert too much force	Tyre bead damage – initially, the bead deformation, then bead wire separates from the bead ring.
Brake lock	<ol style="list-style-type: none">1. Traction and braking system Failures2. The bleeder valve bleeds air too slow3. Slack adjuster is misadjusted4. Brake drum deviation	Irregular wear of the tyre tread.

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