

COMPANY PROFILE

RADIAL OTR TYRES DATABASE

Established in 1958, Guizhou Tyre Co., Ltd. was recombined as the listing company in 1996, and is the national large-sized top-class enterprise, Top 520 key enterprises in China, Top Ten Tyre Company in China and one of the off-the-road tyre supporting and import bases. In 2021, the Company ranked the 28th in the ranking list of the global tyre enterprises. Currently, the company owns two large-sized production bases in China and Vietnam.

The Company relies on the strong R&D strength and has the top-class R&D team, namely the National Enterprise Technical Center and Post-Doctoral Research Station. The Company's products have been authenticated by ISO9001 quality system certification, ISO/TS16949 quality system certification, CCC (3C) certification, safety sign certification of United States Department of Transportation (DOT), E-MARK product certification of European Community, Brazil INMETRO, GCC certification of the Middle East, Indonesia SNI certification, India BIS and other renowned certifications. The Company has the complete product specifications and models, mainly manufactures the truck tyre, passenger vehicle tyre, off-the-road tyre, agricultural machinery tyre, industry vehicle tyre and special tyre of "Advance", "Samson" and other brands. With the specification up to 3000, the products are popularly sold to 100+ countries and regions, including America, Canada, Australia, Brazil, Argentina, Germany, France, United Kingdom, Spain, Russia, Algeria, Egypt, Kenya, South Africa, Japan, South Korea, Nigeria, India, Indonesia, Thailand and Malaysia.

Guizhou Tyre focuses on new industrialization and continuously drives the internationalized, intelligent, green and high-quality development. The Company owns the leading intelligent technology production in the industry benchmarking with the advance level in the world, fully endeavors to create the green tyre brand of "Ultra Secure, Ultra Anti-wear and Ultra Oil Saving" and provides the high added value for your commercial tyre depending on the excellent product quality and superior service.

Guizhou Tyre will continuously sparing no effort to manufacture the tyre brand exclusive to you relying on the leading intelligent production equipment in the industry, efficient production line, outstanding product quality and thoughtful service. You can definitely purchase the tyre you require here! We will do our utmost to create the high-value tyre in the world and become the preferred choice of client! Guizhou Tyre, you deserve it. Choosing us means you choose the more wonderful life!



MAKE TRANSPORTATION ON WHEELS SAFER.

ADVANCE®

SAMSON®



RADIAL OTR TYRES DATABOOK

A large yellow mining truck is parked on a dirt road in front of a massive, layered rock formation. The truck is a heavy-duty vehicle with a large cab and a high chassis. The rock formation behind it is composed of distinct horizontal layers, suggesting a sedimentary or metamorphic origin. The scene is set in a rugged, mountainous area.

EARTHMOVER SERVICE P09~19

E2	GLR35
E3	GLR01\GLR09pro\GLR12\GLR18\GLR29Pro\GLR32\ GLR36Pro\GLR39\GLR55\GLR56\GLR57\GLR60
E4	GLR04\GLR04Pro\GLR09\GLR09Pro\GLR17\GLR19\ GLR50\GLR59\GLR60\ARP\ART\ARS

ARTICULATED DUMP TRUCKS P20~23

E2	GLF02
E3	GLR06\GLR09\GLR18
E4	GLR06

LOADER AND DOZER SERVICE P24~30

L2	GLR15\GLR30
L3	GLR02\GLR03\GLR06\GLR09\GLN01
L4	GLR06\GLR27\GLR28
L5/L5S	GLR08\GLR20\GLR20Pro\GLR61\GLS01

GRADER SERVICE P31~34

G2	GLR15\GLR82\GLR35
G3/L3	GLR06\GLR09\GLN01

UNDERGROUND MINE MACHINES **P35~39**

E4/L4	GLR26\GLR27\GLR28
L5	GLR08\GLR20\GLR61
L5S	GLS01

CRANES AND TRANSPORT VEHICLES **P40~43**

High-Speed GLB05\GLB07\GLN01\GLR35\GLR58

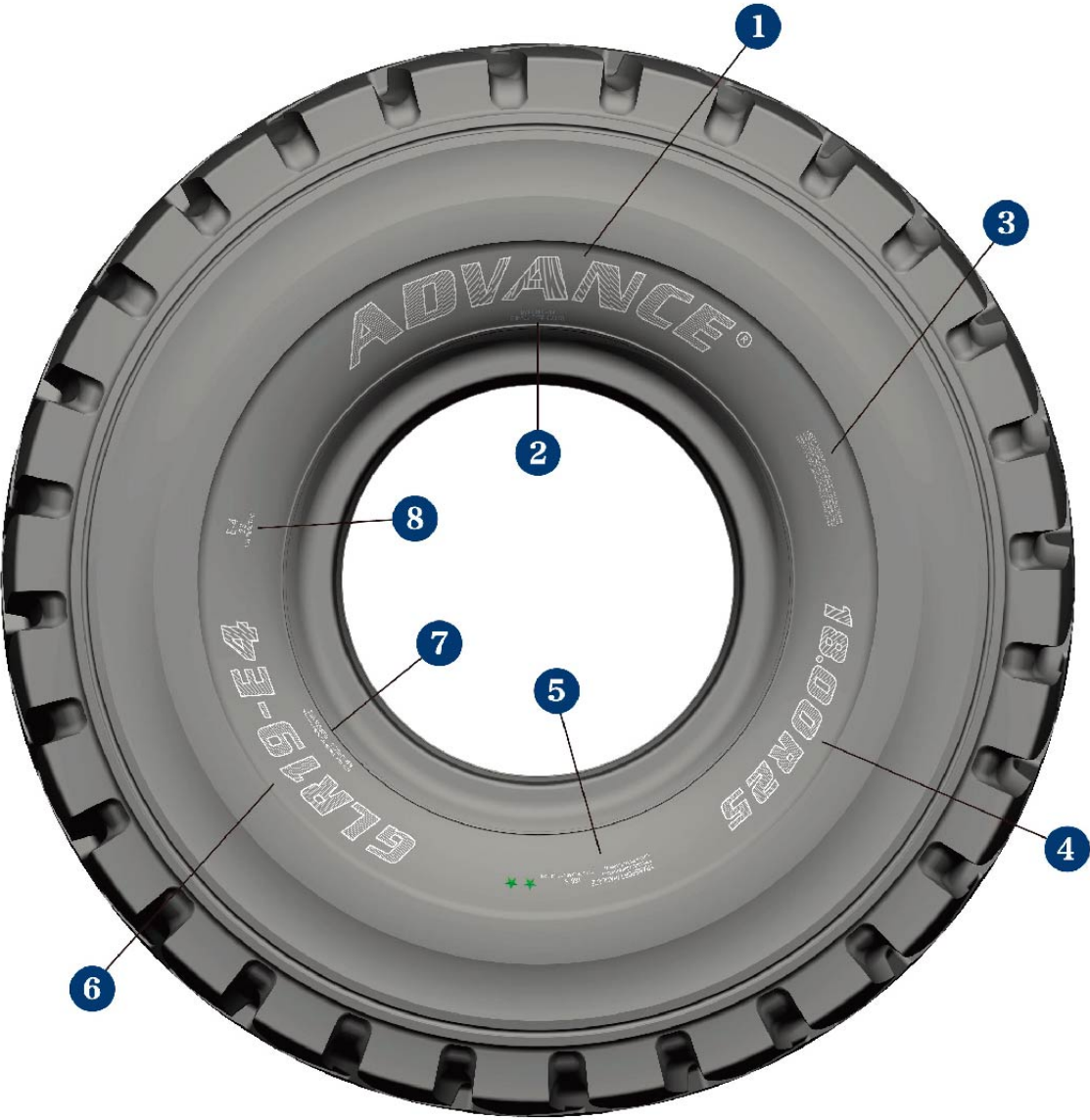
INDUSTRIAL SERVICE P44~47

IND3 GLR02\GLR31\GLB06\GLB08
IND4 GLR07\GLR37

SAND SERVICE P48~50

E2	GLR21
E7	GLF01\GLF02





1	Brand Name
2	Manufacturer and Country of Origin
3	Safety Warning
4	Tyre Size
5	Specifications (Load index,Speed Symbol,Pressure etc)
6	Pattern Name
7	Rim and Tyre Construction
8	Type of Tyre Service

Speed Symbol: indicates the speed at which the tyre can carry a load corresponding to its load index under service conditions specified by GTC

Speed Symbol	Speed (km/h)	Speed Symbol	Speed (km/h)
A1	5	B	50
A2	10	C	60
A3	15	D	65
A4	20	E	70
A5	25	F	80
A6	30	G	90
A7	35	J	100
A8	40		

Conversion Table: Star Rating to Ply Rating

Tyre Size	Transportation	Loading	Industrial
12.00R20★★			20
12.00R24★★		20	24
13.00R24★	14	14	
13.00R25★★★★	28		
14.00R24★		16	
14.00R24★★	28		
14.00R24★★★★	32	28	28
14.00R25★★★★	32		
15.5R25★	16		
16.00R25★★	36		32
16.00R25★★★★	40		
17.5R25★		16	
17.5R25★★	24	20	
18.00R25★★	36	36	
18.00R25★★★★			40
20.5R25★		24	
20.5R25★★	28	28	
20.5R25★★★★			36
23.5R25★		28	
23.5R25★★	32	32	
23.5R25★★★★			36

Tyre Size	Transportation	Loading	Industrial
26.5R25★		32	
26.5R25★★	32	36	
26.5R25★★★★			44
29.5R25★		34	
29.5R25★★	34	38	
29.5R25★★★★			48
29.5R29★		34	
29.5R29★★	40	40	
29.5R29★★★★			52
33.25R29★★	44		
18.00R33★★	40		
18.00R33★★★★			40
21.00R35★★	32		
35/65R33★★		42	
35/65R33★★★★		54	54
21.00R35★★	44		
24.00R35★★	48		
37.25R35★★	46		
27.0049★★	48		
33.00R51★★	68		

EARTHMOVER SERVICE

P9~15

E2



GLR35

E3



GLR01\GLR09pro\GLR12\GLR18\GLR29Pro\GLR32\GLR36Pro\GLR39\GLR55\GLR56\GLR57\GLR60

EARTHMOVER SERVICE

P15~19

E4



GLR04\GLR04Pro\GLR09\GLR09Pro\GLR17\GLR19\GLR50\GLR59\GLR60\ARP\ART\ARS

ARTICULATED DUMP TRUCKS

P20~23

E2



GLF02

E3



GLR06\GLR09\GLR18

E4



GLR06

LOADER AND DOZER SERVICE

P24~29

L2



GLR15\GLR30

L3



GLR02\GLR03\GLR06\GLR09\GLN01

L4



GLR06\GLR27\GLR28

LOADER AND DOZER SERVICE

P29~30

L5/L5S



GLR08\GLR20\GLR20Pro\GLR61\GLS01

GRADER SERVICE

P31~34

G2



GLR15\GLR82\GLR35

G3/L3



GLR06\GLR09\GLN01

UNDERGROUND MINE MACHINES

P35~39

E4/L4



GLR26\GLR28\GLR27

L5



GLR08\GLR20\GLR61

L5S



GLS01

CRANES AND TRANSPORTATION VEHICLES

P40~43

High-Speed



GLB05\GLB07\GLN01\GLR35\GLR58

INDUSTRIAL SERVICE

P44~47

SAND SERVICE

P48~50

IND3



GLR02\GLR31\GLB06\GLB08

IND4



GLR07\GLR37

E2



GLR21

E7



GLF01\GLF02



	GLR35		GLR01	GLR09pro	GLR12	GLR18	GLR29Pro
E2		E3					
E3	GLR32	GLR36Pro	GLR39	GLR55	GLR56	GLR57	GLR60
							
E4	GLR04	GLR04Pro	GLR09	GLR09Pro	GLR17	GLR19	GLR50
							
E4	GLR59	GLR60	ARP	ART	ARS		
							

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR35 E2

- > Big transverse pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, meeting high speed operation requirements.

Tire Size	Type	Star Rating	Tread Depth (mm)
1400R25	TL/TT	★★	21



GLR01 E3

- > Robust transverse pattern block design, blocks mutually connected by the middle reinforcing ribs to provide good sidewall toughness.
- > Sidewall kurling ribs design can effectively protects the sidewall from external impacts and scratches.
- > Wide and deep transverse groove provide tire strong traction and grip.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R25	TL/TT	★★	35



GLR09PRO E3

- > Compared to GLR09-E3, upgraded carcass steel cord materials are applied to greatly improve puncture and scratch resistance, allowing wider application in mixed and severe conditions.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip and excellent stable handling.
- > Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL/TT	★★★	26
14.00R25	TL/TT	★★★	26

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR12 E3

- > Robust transverse pattern block design, blocks mutually connected by the tie-bar to make the tire has a good toughness.
- > Sidewall kurling ribs design can effectively protects the sidewall from external impacts and scratches.
- > Wide and deep transverse groove provide tire strong traction and grip.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R20	TL/TT	★★	26
13.00R25	TL/TT	★★★	26
14.00R24	TL/TT	★★★	26
14.00R25	TL/TT	★★★	26



GLR18 E3

- > Special pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Strengthened shoulder kurling rib effectively protect sidewall from scratches, improve the overall service life of the tire.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★	43
33.25R29	TL	★★	45
37.25R35	TL	★★	48



GLR29PRO E3

- > Compared with GLR29-E3, it greatly improved puncture resistance and scratch resistance by using upgraded reinforcing material, and more widely used in multiple road conditions, like mixed, harsh and so on.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip or excellent stable handling.
- > Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL/TT	★★★	32



GLR32 E3

- > It greatly improved puncture resistance and scratch resistance by using upgraded reinforcing material, and more widely used in multiple road conditions, like mixed, harsh and so on.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip or excellent stable handling.
- > Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R25	TL/TT	★★★	26
16.00R25	TL/TT	★★★	29



GLR36PRO E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
480/95R29	TL/TT	★★★	31



GLR39/GLR39pro E3

- > The design of transverse large block, bevel angle and groove inclination angle of tread pattern provides the tire with good tractive effort, holding force, and excellent controllability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL/TT	★★★	29
480/95R29	TL/TT	★★★	36



GLR55 E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL/TT	★★★	28



GLR56 E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R25	TL/TT	★★★	31



GLR57 E3

- > The design of four pattern blocks effectively improves the tractive effort, holding force and dirt resistance of the pattern block, providing the tire a good trafficability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
480/95R29	TL/TT	★★★	27

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GLR60 E3

- > The design of transverse large block, bevel angle and groove inclination angle of tread pattern provides the tire with good tractive effort, holding force, and excellent controllability.
- > The design of new frame material, reinforced sidewall reinforced kerbing rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R33	TL/TT	★★★	36



GLR04 E4

- > The separated, independent block tread pattern provides good traction, trafficability and self-cleaning.
- > Optimized contact shape, deep pattern and specialized tread compounds effectively extend service life.
- > Design of strengthened carcass and reinforced sidewall kerbing rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R33	TL	★★	56
21.00R35	TL	★★	61
24.00R35	TL	★★	68



GLR04PRO E4

- > The separated, independent block tread pattern provides good traction, trafficability and self-cleaning.
- > Optimized contact shape, deep pattern and specialized tread compounds effectively extend service life.
- > Design of strengthened carcass and reinforced sidewall kerbing rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
24.00R35	TL	★★	68

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABOOK



GLR09 E4

- > Strengthened carcass and reinforced bulking protection sidewall design provides better puncture resistance and scratch resistance, suitable for multiple road conditions, like mixed, severe and so on.
- > Deepen block pattern design provides excellent traction, grip and super stable handling
- > Optimized contact area shape and specified compounding design provides excellent wear resistance and improve service life effectively.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R20	TL/TT	★★	32
13.00R25	TL/TT	★★★	32
18.00R25	TL/TT	★★	47
18.00R25	TL/TT	★★★	47



GLR09PRO E4

- > Compared to GLR09-E4, upgraded carcass steel cord materials are applied to greatly improve puncture and scratch resistance, allowing wider application in mixed and severe condition.
- > Design of block connected by reinforcing rib at the bottom of grooves improve the overall stress distribution of the crown without compromising the original traction, grip or excellent stable handling.
- > Overall pattern design can improve the shape of tire crown contact area. Special compounding design, effectively solve the phenomenon of crown chipping and chunking in the middle and late stage, and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL/TT	★★★★	38
14.00R25	TL/TT	★★★★	38
16.00R25	TL/TT	★★★★	43



GLR17 E4

- > Special pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Strengthened shoulder kerbing rib effectively protect sidewall from scratches, improve the overall service life of the tire.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
37.25R35	TL	★★	54

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABASE



GLR19 E4

- > Transverse groove design ensure resistance to impact damage, cutting damage, suitable for rocks, hard ore and other harsh road conditions.
- > Design and use of reinforcing carcass material plus sidewall kurling ribs can effectively protect the sidewall and improve service life.
- > Wider crown, coherent and deepening pattern block improve operator's comfort and safety.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R33	TL	★★	50
24.00R35	TL	★★	68



GLR50 E4

- > The separated, independent block tread pattern provides good traction, trafficability and self-cleaning.
- > Optimized contact shape, deep pattern and specialized tread compounds effectively extend service life.
- > Design of strengthened carcass and reinforced sidewall kurling rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
480/95R29	TL/TT	★★★	45



GLR59 E4

- > Transverse groove design ensure resistance to impact damage, cutting damage, suitable for rocks, hard ore and other harsh road conditions.
- > Design and use of reinforcing carcass material plus sidewall kurling ribs can effectively protect the sidewall and improve service life.
- > Wider crown, coherent and deepening pattern block improve operator's comfort and safety.

Tire Size	Type	Star Rating	Tread Depth (mm)
21.00R33	TL	★★	54

EARTHMOVER SERVICE

RADIAL OTR TYRES DATABASE



GLR60 E4

- > The design of transverse large block, bevel angle and groove inclination angle of tread pattern provides the tire with good tractive effort, holding force, and excellent controllability.
- > The design of new frame material, reinforced sidewall reinforced kurling rib and optimized crown contact shape effectively improves the tire bearing capacity and comprehensive performance.
- > The design of special pattern block and new tread formula adapts to the demand of fast driving operations, and effectively improves the production efficiency.

Tire Size	Type	Star Rating	Tread Depth (mm)
21.00R35	TL	★★	62
24.00R35	TL	★★	68



ARP E4

- > Robust transverse pattern block design, with blocks mutually connected by tie-bar provide tire good toughness, effectively improve overall stability and confort.
- > Combined circumferential and transverse groove effectively prevent creep and lateral squeeze caused by lateral force, improve wear resistance and reduce internal friction and irregular wear at same time.
- > Innovative design of heat sink depth of crown pattern block to minimize heat generation and effectively improve TKPH value.

Tire Size	Type	Star Rating	Tread Depth (mm)
27.00R49	TL	★★	67



ART

- > Four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > The reinforced carcass, sidewall kurling rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > Excellent operation confort and special tread compound effectively improve productivity.

Tire Size	Type	Star Rating	Tread Depth (mm)
27.00R49	TL	★★	78



ARS

E4

- > Robust transverse pattern block design, with blocks mutually connected by tie-bar provide tire good toughness, effectively improve overall stability and confort.
- > Combined circumferencial and transverse groove effectively prevent creep and lateral squeeze caused by lateral force, improve wear resistance and reduce internal friction and irregular wear at same time.
- > Innovative design of heat sink depth of crown pattern block to minimize heat generation and effectively improve TKPH value.

Tire Size	Type	Star Rating	Tread Depth (mm)
27.00R49	TL	★★	78
30.00R51	TL	★★	76
33.00R51	TL	★★	83



ARTICULATED DUMP TRUCKS

RADIAL OTR TYRES DATABOOK



E2

GLF02



E3

GLR06



GLR09



GLR18



E4

GLR06



ARTICULATED DUMP TRUCKS

RADIAL OTR TYRES DATABOOK



GLF02

E7

- > The stepped, multi-block tread design avoids driving interference caused by soft sandy surfaces.
- > The rounded shoulder contour provides excellent off-road performance.
- > The multi-rock and rib pattern design provide efficient traction and flotation on sand.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R25	TL	★★	21



GLR06

E3

- > The wide tread contact effectively reduces impact damage while providing maximum traction, making it more suitable for soft surfaces.
- > Lower inflation pressure design under the same load capacity as the 80 series enable to have a lower contact pressure, minimizes cutting and impact damage with greater flexibility.
- > Design of strengthened carcass and reinforced sidewall kerbing rib effectively protect sidewall and improve service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
650/65R25	TL	★★	41
750/65R25	TL	★★	41
850/65R25	TL	★★	47
875/65R29	TL	★★	49



GLR09

E3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > Strengthened carcass and reinforced bulking protection sidewall design provide better puncture and scratch resistance for mixed and severe conditions.
- > Optimized contact area shape and specified compounding provide excellent wear resistance and effectively extend service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
20.5R25	TL	★★	33
23.5R25	TL	★★	36
26.5R25	TL	★★	38
29.5R25	TL	★★	43

ARTICULATED DUMP TRUCKS

RADIAL OTR TYRES DATABOOK



GLR18 E3

- > Special pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Strengthened shoulder kerbing rib effectively protect sidewall from scratches, improve the overall service life of the tire.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
33.25R29	TL	★★	45



GLR06 E4

- > The four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The excellent handling comfort and specialized tread compounds effectively improve productivity.

Tire Size	Type	Star Rating	Tread Depth (mm)
23.5R25	TL	★★	50
26.5R25	TL	★★	56
29.5R25	TL	★★	59
33.25R29	TL	★★	64



LOADER AND DOZER SERVICE



LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK



L2

GLR15



GLR30



L3

GLR02



GLR03



GLR06



GLR09



GLN01



L4

GLR06



GLR27



GLR28



L5/L5S

GLR08



GLR20



GLR20Pro



GLR61



GLS01



LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK



GLR15

L2

- > Special big angle block pattern provide excellent traction and handling performance.
- > The transverse large-groove block design provides excellent self-cleaning and good trafficability on soft sandy roads.
- > The reinforced carcass and prominent sidewall kerfing provide better puncture and scratch resistance for all road conditions.

Tire Size	Type	Load Index/Star Rating	Tread Depth (mm)
335/80R18	TL	134B/145A2	19
335/80R20	TL	141B/153A2	19
365/80R20	TL	136B/147A2	21
405/70R18	TL	141B/153A2	20
405/70R20	TL	143B/155A2	20
405/70R24	TL	146B/158A2	20
15.5R25	TL	★/★★	25



GLR30

L2

- > The widened tread effectively reduces impact damage and protects the crown and sidewalls from cuts, scratches and punctures.
- > The deeper, open patterns provide strong traction and self-cleaning in various conditions. The interconnecting blocks ensure driving comfort.
- > Special belt constructure and application of new rubber material satify operation requirement of driving fast on soft and hard road condition.

Tire Size	Type	Load Index/Speed Symbol	Tread Depth (mm)
445/70R19.5	TL	173A8/180A2	19
(18R19.5)			
445/70R22.5	TL	175A8/182A2	21
(18R22.5)			
445/65R22.5	TL	169F	21



GLR02

L3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > Optimized belt construction and compounding desin ensure excellent cutting resistance.
- > The optimized ground contact and compounds ensure excellent wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
20.5R25	TL	★/★★	28
23.5R25	TL	★/★★	35
26.5R25	TL	★/★★	36
29.5R25	TL	★/★★	51

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABASE

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABASE



GLR03 L3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > Optimized belt construction and compounding design ensure excellent cutting resistance.
- > The optimized ground contact and compounds ensure excellent wear resistance.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	27



GLR06 L3

- > The four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > Lower inflation pressure design under the same load capacity as the 80 series enable to have a lower contact pressure, minimizes cutting and impact damage with greater flexibility.
- > Strengthened carcass and reinforced sidewall kerbing rib provide higher puncture resistance, scratch resistance and satisfy using requirement on all road conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
550/65R25	TL	★/★★	33
600/65R25	TL	★/★★	35
650/65R25	TL	★/★★	41
750/65R25	TL	★/★★	41
850/65R25	TL	★/★★	47
875/65R29	TL	★/★★	49



GLR09 L3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > The reinforced carcass and reinforced sidewall kerbing rib provide better puncture and scratch resistance for mixed and severe conditions.
- > Optimized contact area shape and specified compounding design provides excellent wear resistance and improve service life effectively.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	29
20.5R25	TL	★/★★	33
23.5R25	TL	★/★★	36
26.5R25	TL	★/★★	38
29.5R25	TL	★/★★	43



GLN01 L3

- > Special pattern block having good self-cleaning performance provide very strong traction on snow.
- > Rib pattern and excellent synthetic rubber compounding for snow road condition, suitable for various road conditions with long service life.
- > Design of multi-block with sipes on each provide quite good grip and handling on snow and ice road surface.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	27
20.5R25	TL	★/★★	27
23.5R25	TL	★/★★	34



GLR06 L4

- > The four forms pattern block effectively improve the traction, grip and self-cleaning and provide good passability.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The excellent handling comfort and specialized tread compounds effectively improve productivity.

Tire Size	Type	Star Rating	Tread Depth (mm)
23.5R25	TL	★★	50
26.5R25	TL	★★	56
29.5R25	TL	★★	59
33.25R29	TL	★★	64



GLR27 L4

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★★	65
35/65R33	TL	★★★	62

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK

LOADER AND DOZER SERVICE

RADIAL OTR TYRES DATABOOK



GLR28 L4

- > The design of widened crown and transverse groove ensures the resistance to impact, damage and cutting, and is suitable for the rock, hard ore and other poor road conditions.
- > The design of wider crown and gradually deepened pattern block improves the comfort and safety of the operator.
- > The design and application of reinforced carcass frame material and the design of sidewall reinforced kerbing rib effectively protect the sidewall and improve the service life of the tire.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★★	56
29.5R25	TL	★★★	59



GLR08 L5

- > The interlaced block pattern and square shoulder benefit control continuity and stability. The open patterns provide good grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The stone ejectors and sidewall kerbing effectively protect the groove bottom and sidewall from damage, making them more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★★	65
20.5R25	TL	★★	72
23.5R25	TL	★★	77
26.5R25	TL	★★	85
29.5R25	TL	★★	98



GLR20 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
35/65R33	TL	★★	95



GLR20PRO L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★	95



GLR61 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★	85
29.5R25	TL	★★	98



GLS01 L5S

- > Wide tread reduce effectively impact damage and protect well sidewall from cutting, scratch, puncture.
- > Strengthened carcass constructure ensure stable performance during operating.
- > Special belt constructure and strengthened sidewall provide excellent cutting resistance on undermining severe road condition.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R20	TL	★★	58
12.00R24	TL	★★	58
14.00R24	TL	★★	60
17.5R25	TL	★★	76
18.00R25	TL	★★	86
26.5R25	TL	★★	95
35/65R33	TL	★★	99



G2/L2

GLR15



G2

GLR82



GLR35



G3/L3

GLR06



GLR09



GLN01





GLR15 G2/L2

- > Special big angle block pater provide excellent traction and handling.
- > The transverse large-groove block design provides excellent self-cleaning and good trafficability on soft sandy roads.
- > Design of strengthened carcass and reinforced sidewall kerbing rib ensure better puncture resistance, scratch resistance and satisfy requirements of all road conditoin.

Tire Size	Type	Load Index/Star Rating	Tread Depth (mm)
335/80R18	TL	134B/145A2	19
335/80R20	TL	141B/153A2	19
365/80R20	TL	136B/147A2	21
405/70R18	TL	141B/153A2	20
405/70R20	TL	143B/155A2	20
405/70R24	TL	146B/158A2	20
15.5R25	TL	★/★★	25



GLR82 G2

- > Big transvere pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
13.00R24	TL	★	30
14.00R24	TL	★	30



GLR35 G2

- > Big transvere pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL	★	20



GLR06 G3\L3

- > Special multi-block pattern provide excellent traction and handling.
- > Transvere multi-block pattern provide excellent self-cleaning and good passibility on soft sand road.
- > Design of strengthened carcass and reinforced sidewall kerbing rib ensure better puncture resistance, scratch resistance and satisfy requirements of all road conditoin.

Tire Size	Type	Star Rating	Tread Depth (mm)
550/65R25	TL	★/★★	33
600/65R25	TL	★/★★	35
650/65R25	TL	★/★★	41
750/65R25	TL	★/★★	41
850/65R25	TL	★/★★	47
875/65R29	TL	★/★★	49



GLR09 G3\L3

- > The lug pattern design provides excellent traction, grip and super stable handling.
- > The reinforced carcass and reinforced sidewall kerbing rib provide better puncture and scratch resistance for mixed and severe conditions.
- > Optimized contact area shape and specified compounding design provides excellent wear resistance and inprove service life effectively.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★/★★	29
20.5R25	TL	★/★★	33
23.5R25	TL	★/★★	36
26.5R25	TL	★/★★	38
29.5R25	TL	★/★★	43



GLN01 G3\L3

- > Special self-cleaning block provide very strong traction on snow and muddy road.
- > Combing rib and excellent snow sythetic rubber compounding make it applicable for multi-road condition and long service life.
- > Multi-block with sipes on each ensure quite good grip and handling performance on snow and ice road.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL	★	23
17.5R25	TL	★/★★	27
20.5R25	TL	★/★★	27
23.5R25	TL	★/★★	34



E4/L4

GLR26



GLR27



GLR28



L5

GLR08



GLR20



GLR061



L5S

GLS01



UNDERGROUND MINE MACHINES

RADIAL OTR TYRES DATABOOK

UNDERGROUND MINE MACHINES

RADIAL OTR TYRES DATABOOK



GLR26 E4/L4

- > The interlaced block pattern and square shoulder benefit control continuity and stability. The open patterns provide good grip and traction.
- > Sidewall kurling ribs design can effectively protects the sidewall from external impacts and scratches.
- > Wide and deep transverse groove provide tire strong traction and grip.

Tire Size	Type	Star Rating	Tread Depth (mm)
14.00R24	TL	★★★	36



GLR27 E4/L4

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > Reinforcing tie-bar at bottom of groove at shoulder area effectively protect bottom of groove and sidewall from damage, more suitable for high severe road condition.

Tire Size	Type	Star Rating	Tread Depth (mm)
29.5R29	TL	★★★★/ ★★★★	65
35/65R33	TL	★★★★/ ★★★★	62



GLR28 E4/L4

- > Special multi-block provide excellent traction and handling.
- > Transverse multi-block pattern make tire have excellent self-cleaning and good passability on soft sand road.
- > Strengthened carcass and reinforced sidewall kerbing rib provide higher puncture resistance, scratch resistance and satisfy using requirement on all road conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★★★/ ★★★★	56
29.5R25	TL	★★★★/ ★★★★	59



GLR08 L5

- > The interlaced block pattern and square shoulder benefit control continuity and stability. The open patterns provide good grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The stone ejectors and sidewall kerbing effectively protect the groove bottom and sidewall from damage, making them more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
17.5R25	TL	★★	65
20.5R25	TL	★★	72
23.5R25	TL	★★	77
26.5R25	TL	★★	85
29.5R25	TL	★★	98



GLR20 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
35/65R33	TL	★★	95



GLR61 L5

- > The open block design with coherent transverse grooves widening from inside to outside allows for better stability, self-cleaning, grip and traction.
- > The reinforced carcass, sidewall kerbing rib, optimized contact shape, deep grooves and specialized compounds effectively extend service life.
- > The reinforced kerbing at the shoulder groove bottom effectively protects the groove bottom and sidewall from damage, making it more suitable for severe conditions.

Tire Size	Type	Star Rating	Tread Depth (mm)
26.5R25	TL	★★	85
29.5R25	TL	★★	98



UNDERGROUND MINE MACHINES
RADIAL OTR TYRES DATABASE



GLS01 L5S

- > Wide tread reduce impact damage effectively and protect well sidewall from scratch and puncture.
- > Strengthened carcass constrcture ensure tire perform stable when operating.
- > Special belt constructure and application of new rubber material satify operation requirement of driving fast on soft and hard road condition.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R24	TL	★★	58
14.00R24	TL	★★	60
17.5R25	TL	★★	76
18.00R25	TL	★★	86
26.5R25	TL	★★	95



CRANES AND TRANSPORT VEHICLES





High-Speed

GLB05



GLB07



GLN01



High-Speed

GLR35



GLR58



GLB05 High-Speed

- > The closed, continuous shoulder pattern and optimized pitch reduce tire noise and improve high-speed performance.
- > With optimize profile theory, contact footprint and special tread compounding, avoid irregular wear and effectively improve service life.
- > Special compounding and steel framework reduce heat generation and improve heat resistance, satisfy requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
385/95R24 (14.00R24)	TL	★★★	20.5
385/95R25 (14.00R25)	TL	★★★	20.5
445/95R25 (16.00R25)	TL	★★	25
445/80R25 (17.5R25)	TL	★★	25
505/95R25 (18.00R25)	TL	★★	26
525/80R25 (20.5R25)	TL	★★	31



GLB07 High-Speed

- > The multi-block special ribbed design with optimized grooves effectively provides good driving force, avoids irregular wear, and meets high-speed use well.
- > The specialized rubber and steel carcass lower heat generation and increase heat resistance to meet high-speed needs. The optimal profile, contact patch and tread improve service life.
- > Block at tread edge with skid depth indicator, effectively reduce tire noise and easily identify using condition.

Tire Size	Type	Star Rating	Tread Depth (mm)
385/95R24 (14.00R24)	TL	★★★	23
385/95R25 (14.00R25)	TL	★★★	23
445/95R25 (16.00R25)	TL	★★	25



GLN01 High-Speed

- > Special self-cleaning pattern block provide very strong traction on snow road.
- > Rib and excellent snow sythetic rubber compounding , applicable for various road conditions and ensure good service life.
- > Multi-block with sipes on each provide very good grip and handling performance on snow and ice road.

Tire Size	Type	Star Rating	Tread Depth (mm)
385/95R24 (14.00R24)	TL	★★★	20
385/95R25 (14.00R25)	TL	★★★	20
445/95R25 (16.00R25)	TL	★★	23



GLR35 High-Speed

- > Big transverse pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
365/85R20	TL	20PR	16.8
385/95R24 (14.00R24)	TL	★★★	20.5
385/95R25 (14.00R25)	TL	★★★	20.5



GLR58 High-Speed

- > Big transverse pattern block, pattern block bevel edge angle and groove slope angle design, provide good traction, grip and excellent stable handling performance.
- > Optimized crown material distribution design enables tire to have optimized contact area shape. Unique compounding design, ensure good cutting and puncture resistance, and effectively improve tire wear resistance.
- > Combining optimize profile theory with contact footprint and special tread compounding to reduce heat generating and improve heat resistance, satisfying requirement of high speed operation.

Tire Size	Type	Star Rating	Tread Depth (mm)
605/80R25 (23.5R25)	TL	★★★	27



IND3

IND4



GLR02



GLR31



GLB06



GLB08



GLR07



GLR37



GLR02 IND3

- > With patented technology of strengthening sidewall and carcass, reduce tire deformation under high pressure and high load, provides the support and stability operation needed. Super high strength body ply steel wire, special building procedure, effectively improve the density of steel wire in finished tires. It can meet the requirement of safety performance under the limit condition.
- > Compared with normal constructure, belt steel wire with higher strength (increased by over 35%) were used at crown area, ensure excellent safety under the condition of high pressure and high load. marks can effectively reduce the stress of the crown, and special technological design is adopted for the shoulder to meet the requirements of frequent or in-situ turning under heavy load.
- > Unique bead chafer ensure excellent bead strength, meet the bearing and fitting tight requirement under complex circumstances.

Tire Size	Type	Star Rating	Tread Depth (mm)
20.5R25	TL	★★★	28
23.5R25	TL	★★★	35
26.5R25	TL	★★★	36
29.5R25	TL	★★★	51



GLR31 IND3

- > The widened, large transverse block design effectively reduces impact damage and protects the crown and sidewalls from cuts, scratches and punctures.
- > Big tread block and excellent elastic carcass can provide remarkable traction, stability and handling safety under a variety of road conditions.
- > Special belt constructure and new rubber provide longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
355/65R18	TL	★★	26.5



GLB06 IND3

- > Unique crown and reinforced sidewall ensure resistance to cutting and scratch.
- > Combined wide and big square block with groove, excellent elastic carcass provide remarkable traction, stability and handling safety for tire used on straddle Carrier.
- > Dual tread (Cap/base) effectively reduce heat generation and improve tread wear and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
16.00R25	TL	★★/★★★	51



GLB08 IND3

- > Unique crown and reinforced sidewall ensure resistance to cutting and scratch.
- > Combined wide and big square block with groove, excellent elastic carcass provide remarkable traction, stability and handling safety for tire used on straddle Carrier.
- > Dual tread (Cap/base) effectively reduce heat generation and improve tread wear and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R20	TL/TT	★★	34
480/95R25	TL	★★★	50



GLR07 IND4

- > Wide, big and robust tread pattern, excellent elastic carcass provide remarkable traction, stability and handling safety.
- > Compared with normal constructure, reinforcing material with higher strength (increased by over 40%) were used, ensure excellent safety under the condition of high pressure and high load. Optimized contact footprint reduce effectively the stress of the crown. Special technological design is adopted in shoulder to meet the requirements of frequent or in-situ turning under heavy load.
- > Wide and big square block, excellent tread compoud, provide optimized wear resistance and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
12.00R20	TL	★★★★	40
12.00R24	TL	★★★★	40
12.00R24	TL	★★★★	52
14.00R24	TL	★★★★	63
16.00R25	TL	★★★★	71
18.00R25	TL	★★★★	65
18.00R33	TL	★★★★	70



GLR37 IND4

- > Wide, big and robust tread pattern, excellent elastic carcass provide remarkable traction, stability and handling safety.
- > Compared with normal constructure, reinforcing material with higher strength (increased by over 40%) were used, ensure excellent safety under the condition of high pressure and high load. Optimized contact footprint reduce effectively the stress of the crown. Special technological design is adopted in shoulder to meet the requirements of frequent or in-situ turning under heavy load.
- > Wide and big square block, excellent tread compoud, provide optimized wear resistance and longer service life.

Tire Size	Type	Star Rating	Tread Depth (mm)
18.00R25	TL	★★★★	65





E2

GLR21



E7

GLF01



GLF02



GLR21 E2

- > Robuster blocks connected by reinforcing tie-bar ensure better roughness.
- > Wide and deep transverse groove provide stronger traction and grip.Round shoulder profile provide excellent off-the-road performance
- > Strengthend carcass and lateral kerbing rib can protect sidewall from external impact and scratch.

Tire Size	Type	Load Index/ Speed Symbol	Tread Depth (mm)
24R21	TL	176G	25



GLF01 E7

- > Specially optimized tread design can avoid driving interference cuased by soft sand road condition.
- > Round shoulder profile provide excellent off-the-road performance.
- > Multi-block and rib pattern design provide higher grip and flotation on sand.

Tire Size	Type	Ply Rating	Tread Depth (mm)
14.00R20	TL	20PR	18
16.00R20	TL	28PR	18



GLF02 E7

- > Specially optimized tread design can avoid driving interference cuased by soft sand road condition.
- > Round shoulder profile provide excellent off-the-road performance.
- > Multi-block and rib pattern design provide higher grip and flotation on sand.

Tire Size	Type	Star Rating/ Ply Rating	Tread Depth (mm)
525/65R20.5	TL	20PR	17
24R20.5	TL	18PR	17
29.5R25	TL	★★	21

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height	
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch	
18"													
335/80R18	GLR15	E-2	134B		988	325	441	360	19		TT/TL	11×18	
		L-2	145A2		38.9	12.8	17.4	14.2	23.9				
405/70R18	GLR15	E-2	141B		1020	400	452	440	20		TT/TL	13×18	
		L-2	153A2		40.2	15.7	17.8	17.3	25.2				
355/65R18	GLR31	Industrial Service	See Industrial Service page										
19.5"													
445/70R19.5 (18R19.5)	GLR30	G-2	173A8		1105	442	486	475	19		TL	14×19.5	
		L-2	180A2		43.5	17.4	19.1	18.7	23.9				
20"													
12.00R20	GLS01	L-5S	171A2	★★	1170 46.1	310 12.2	528 20.8	364 14.3	58 73.1	391 15.4	TT/TL	8.5	
	GLR07	Industrial Service	See Industrial Service page										
	GLB08												
	14.00R20	GLR12	E-3	164B	★★	1240 48.8	370 14.6	568 22.4	410 16.1	26 32.8			450 17.7
GLR09		E-4	1253 49.3			370 14.6	575 22.6	410 16.1	32 40.3	450 17.7			
		GLF01	E-7			See sand Service page							
335/80R20	GLR15	E-2	136B		1035	325	465	357	19		TT/TL	11×20	
		L-2	147A2		40.7	12.8	18.3	14.1	23.9				
365/80R20	GLR15	E-2	141B		1085	355	481	389	21		TT/TL	11×20	
		L-2	153A2		42.7	14.0	18.9	15.3	26.5				
365/85R20	GLR35	Mobile Crane Service	See Mobile Crane Service page										
405/70R20	GLR15	E-2	143B		1070	400	478	446	20		TT/TL	13×20	
		L-2	155A2		42.1	15.7	18.8	17.6	25.2				
16.00R20	GLF01	E-7	See sand Service page										
20.5"													
525/65R20.5	GLF02	E-7	See sand Service page										
24R20.5	GLF02	E-7	See sand Service page										
21"													
24R21	GLR21	E-2	See sand Service page										
22.5"													
445/70R22.5 (18R22.5)	GLR30	G-2	175A8		1180	440	525	475	21.0		TL	14×22.5	
		L-2	182A2		46.5	17.3	20.7	18.7	26.5				
445/65R22.5	GLR30	E-2	169F		1180 46.5	440 17.3	543 21.4	468 18.4	21.0 26.5		TL	14×22.5	
24"													
12.00R24	GLS01	L-5S	175A2	★★	1260 49.6	305 12.0	573 22.6	364 14.3	58 73.1	391 15.4	TT/TL	8.5	
	GLR07	Industrial Service	See Industrial Service page										
	GLR07+												

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
13.00R24	GLR82	TG	146A8	★	1295	330	592	380	30		TL	8.00TG
		G-2			51.0	13.0	23.3	15.0	37.8	10.0		
14.00R24	GLR35	E-2	168B	★★	1360 53.5	376 14.8	608 23.9	420 16.5	20 25.2		TT/TL	10.00W
		G-2	153A8	★								10.00W
		TG										8.00TG
		GLR82	E-2	168B	★★							
14.00R24	GLR82	G-2	153A8	★	1360 53.5	376 14.8	608 23.9	420 16.5	30 37.8		TT/TL	10.00W
		TG			8.00TG							
	GLR09	E-3	169B	★★★★	1360 53.5	370 14.6	628 24.7	433 17.0	26 32.8	450 17.7	TT/TL	10.00W
	GLR12											
	GLR09	E-4			1384 54.5	370 14.6	638 25.1	432 17.0	38 47.9	450 17.7		
	GLR26	E-4			1398 55.0	370 14.6	642 25.3	430 16.9	36 45.4	450 17.7		
	GLS01	L-5S	186A2		1395 54.9	385 15.2	634 25.0	437 17.2	60 75.6			
	GLR07	Industrial Service	See Industrial Service page									
	385/95R24 (14.00R24)	GLB05	Mobile Crane Service	See Mobile Crane Service page								
GLB07												
GLN01												
GLR35												
405/70R24	GLR15	E-2	146B		1165	395	514	445	20		TL	13×24
		L-2	158A2		45.9	15.6	20.2	17.5	25.2			
25"												
13.00R25	GLR12	E-3	163B	★★★★	1298 51.1	328 12.9	600 23.6	390 15.4	26 32.8	420 16.5	TT/TL	8.5
	GLR09	E-4			1311 51.6	328 12.9	605 23.8	390 15.4	32 40.3	420 16.5		
14.00R25	GLR35	E-2	169B	★★★★	1360 53.5	375 14.8	626 24.6	420 16.5	21 25.2	450 17.7	TT/TL	10.00/2.0
	GLR09pro	E-3			1360 53.5	375 14.8	626 24.6	420 16.5	26 32.8	450 17.7		
	GLR12											
	GLR32											
	GLR09pro	E-4			1384 54.5	375 14.8	636 25.0	420 16.5	38 47.9	450 17.7		
385/95R25 (14.00R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
	GLB07											
	GLN01											
	GLR35											

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
15.5R25	GLR15	E-2	160E	★★	1270	385	563	436	25		TL	12.00/1.3
		L-2	176A2	★★	50.0	15.2	22.2	17.2	31.5			
		G-2	146A8	★								
16.00R25	GLR29pro	E-3	180B	★★★★	1514	428	694	501	32	513	TL	11.25/2.0
					59.6	16.9	27.3	19.7	40.3	20.2		
	GLR32	E-3			1509	440	693	505	29	513		
	GLR39				59.4	17.3	27.3	19.9	36.5	20.2		
	GLR55	E-3			1535	460	694	510	28	513		
					60.4	18.1	27.3	20.1	35.3	20.2		
	GLR62	E-3			1514	428	694	501	25	513		
					59.6	16.9	27.3	19.7	31.5	20.2		
	GLR09pro	E-4			1535	440	702	505	43	513		
					60.4	17.3	27.6	19.9	54.2	20.2		
445/95R25 (16.00R25)	GLR07	Industrial Service	See Industrial Service page									
	GLB06											
	GLB05	Mobile Crane Service	See Mobile Crane Service page									
	GLB07											
	GLN01											
17.5R25	GLR03	E-2	167B	★★	1348	458	602	500	27	34.0	TL	14.00/1.5
		L-2	176A2	★								
			182A2	★★								
		G-2	153A8	★								
	GLR09	E-3	167B	★★	1340	440	598	510	29	34.0		
		L-3	176A2	★								
			182A2	★★								
		G-3	153A8	★								
	GLN01	E-2	167B	★★	1330	435	594	500	27	34.0		
		L-2	176A2	★								
		182A2	★★	52.4	17.1	23.4	19.7					
17.5R25	GLN01	G-2	153A8	★							TL	14.00/1.5
	GLR08	L-5	182A2	★★	1400	440	632	495	65			
					55.1	17.3	24.9	19.5	81.9			
	GLS01	L-5S			1380	435	626	487	76			
					54.3	17.1	24.6	19.2	95.7			
445/80R25 (17.5R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
480/95R25	GLB08	Industrial Service	See Industrial Service page									
18.00R25	GLR01	E-3	204A2	★★	1613	520	740	575	35	590	TT/TL	13.00/2.5
				★★★	63.5	20.5	29.1	22.6	44.1	23.2		
	GLR09			★★	1600	495	736	565	33	590		
				★★★	63.0	19.5	29.0	22.2	41.6	23.2		
	GLR56	★★		1625	500	748	565	31	590			
		★★★		64.0	19.7	29.4	22.2	39.1	23.2			
	GLR09	E-4		★★	1650	495	754	565	47	590		
				★★★	65.0	19.5	29.7	22.2	59.2	23.2		
GLR19	★★	1650	495	754	565	47	590					
		★★★	65.0	19.5	29.7	22.2	59.2	23.2				
GLS01	L-5S		★★	1650	490	733	560	86				
				65.0	19.3	28.9	22.0	108.3				
18.00R25	GLR07	Industrial Service	See Industrial Service page									
	GLR37											

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
505/95R25 (18.00R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
20.5R25	GLR02	E-3	177B	★★	1460	508	636	603	28		TL	17.00/2.0
		L-3	186A2	★	57.5	20.0	25.0	23.7	35.3			
		Industrial Service		See Industrial Service page								
	GLR02+	E-3	177B	★★	1478	538	643	608	34		TT/TL	17.00/2.0
		L-3	186A2	★	58.2	21.2	25.3	23.9	42.8			
	GLR09	E-3	177B	★★	1470	508	640	603	33			
		L-3	186A2	★	57.9	20.0	25.2	23.7	41.6			
			193A2	★★								
	GLN01	E-3	177B	★★	1465	510	638	603	27			
		L-3	186A2	★	57.7	20.1	25.1	23.7	34.0			
	GLR08	L-5	193A2	★★	1530	525	680	605	72			
				60.2	20.7	26.8	23.8	90.7				
525/80R25 (20.5R25)	GLB05	Mobile Crane Service	See Mobile Crane Service page									
23.5R25	GLR02	E-3	185B	★★	1588	610	690	689	35		TL/TT	19.50/2.5
		L-3	195A2	★	62.5	24.0	27.2	27.1	44.1			
		Industrial Service		See Industrial Service page								
	GLR02+	E-3	185B	★★	1628	634	712	680	42		TL/TT	19.50/2.5
		L-3	195A2	★	64.1	25.0	28.0	26.8	52.9			
	GLR09	E-3	185B	★★	1600	595	700	695	36			
		L-3	195A2	★	63.0	23.4	27.6	27.4	45.4			
			201A2	★★								
	GLN01	E-3	185B	★★	1595	600	696	688	34			
		L-3	195A2	★	62.8	23.6	27.4	27.1	42.8			
	GLR06	E-4	185B	★★	1622	595	718	675	50			
		L-4	201A2		63.9	23.4	28.3	26.6	63.0			
23.5R25	GLR08	L-5	201A2	★★	1650	605	732	680	77		TL/TT	19.50/2.5
					65.0	23.8	28.8	26.8	97.0			
605/80R25 (23.5R25)	GLR58	Mobile Crane Service	See Mobile Crane Service page									
550/65R25	GLR06	L-3	182A2	★	1380	530	602	605	33		TL	17.00/2.0
			189A2	★★	54.3	20.9	23.7	23.8	41.6			
600/65R25	GLR06	L-3	187A2	★	1410	615	618	668	35		TL	19.50/2.5
			195A2	★★	55.5	24.2	24.3	26.3	44.1			
650/65R25	GLR06	E-3	180B	★★	1478	648	645	710	41		TL	19.50/2.5
		L-3	193A2	★	58.2	25.5	25.4	28.0	51.7			
			200A2	★★								
750/65R25	GLR06	E-3	190B	★★	1585	740	705	832	41		TL	24.00/3.0
		L-3	202A2	★	62.4	29.1	27.8	32.8	51.7			
			209A2	★★								
26.5R25	GLR02	E-3	193B	★★	1730	660	755	732	36		TL	22.00/3.0
		L-3	202A2	★	68.1	26.0	29.7	28.8	45.4			
		Industrial Service		see Industrial Service page								
	GLR02+	E-3	193B	★★	1748	686	762	735	46		TL	22.00/3.0
		L-3	202A2	★	68.8	27.0	30.0	28.9	58.0			

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height		
					mm Inch	mm Inch	mm Inch	mm Inch	mm Inch	mm Inch		Inch		
26.5R25	GLR09	E-3	193B	★★	1730	660	755	732	38		TL	22.00/3.0		
		L-3	202A2	★	68.1	26.0	29.7	28.8	47.9					
			209A2	★★										
	GLR06	E-4	193B	★★	1730	660	751	732	56					
					68.1	26.0	29.6	28.8	70.6					
	GLR28	E-4	210A8	★★★★	1730	660	751	732	56					
		L-4	209A2	★★	68.1	26.0	29.6	28.8	70.6					
			214A2	★★★										
	GLR08	L-5	209A2	★★	1775	675	780	760	85					
	GLR61		214A2	★★★	69.9	26.6	30.7	29.9	107.1					
GLS01	L-5S	209A2	★★	1775	675	788	760	95						
				69.9	26.6	31.0	29.9	119.7						
29.5R25	GLR02	E-3	200B	★★	1873	776	820	840	51		TL	25.00/3.5		
		L-3	208A2	★	73.7	30.6	32.3	33.1	64.3					
		Industrial Service		see Industrial Service page										
	GLR09	E-3	200B	★★	1850	745	805	835	43		TL	25.00/3.5		
		L-3	208A2	★	72.8	29.3	31.7	32.9	54.2					
			216A2	★★										
	GLR06	E-4	200B	★★	1856	770	826	840	59					
					73.1	30.3	32.5	33.1	74.3					
	GLR28	E-4	217A8	★★★★	1865	765	820	840	59					
		L-4	216A2	★★	73.4	30.1	32.3	33.1	74.3					
			221A2	★★★										
	GLR08	L-5	216A2	★★	1880	750	835	869	98					
			221A2	★★★	74.0	29.5	32.9	34.2	123.5					
			GLR61	216A2	★★	1905	750	840	869	95				
				221A2	★★★	75.0	29.5	33.1	34.2	123.5				
	GLF02	E-7	see sand Service page											
	850/65R25	GLR06	E-3	196B	★★	1720	810	735	920	47		TL	27.00/3.5	
L-3			210A2	★	67.7	31.9	28.9	36.2	59.2					
			217A2	★★										
29"														
480/95R29	GLR36pro	E-3	190B	★★★	1635	480	745	530	31	580		TT/TL	13.00/2.5	
	GLR39pro				64.4	18.9	29.3	20.9	39.1	22.8				
					1635	480	745	530	36	580				
	GLR57	64.4	18.9	29.3	20.9	45.4	22.8							
		1628	480	743	530	27	580							
				64.1	18.9	29.3	20.9	34.0	22.8					
GLR50	E-4	190B	★★★	1663	480	750	530	45	580	TT/TL	13.00/2.5			
				65.5	18.9	29.5	20.9	56.7	22.8					
29.5R29	GLR18	E-3	202B	★★	1960	745	862	841	43		TL	25.00/3.5		
		L-3	211A2	★	77.2	29.3	33.9	33.1	54.2					
			218A2	★★										
	Industrial Service		see Industrial Service page											
	GLR27	E-4	202	★★	2000	760	880	846	65		TL	25.00/3.5		
			219A8	★★★★										
		L-4	218A2	★★	78.7	29.9	34.6	33.3	81.9					
225A2			★★★★											

TECHNICAL DATA
RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm Inch	mm Inch	mm Inch	mm Inch	mm Inch	mm Inch		Inch
29.5R29	GLR20pro	L-5	218A2	★★	2010	794	880	846	95		TL	25.00/3.5
			225A2	★★★	79.1	31.3	34.6	33.3	119.7			
33.25R29	GLR18	E-3	209B	★★	2060	860	925	950	45		TL	27.00/3.5
	GLR06	E-4			81.1	33.9	36.4	37.4	56.7			
					2080	845	930	945	64	80.6		
875/65R29	GLR06	E-3	203B	★★	1860	860	802	920	49		TL	27.00/3.5
		L-3	214A2	★	73.2	33.9	31.6	36.2	61.7			
			221A2	★★								
33"												
18.00R33	GLR60	E-3	191B	★★	1828	500	848	575	36	587	TL	13.00/2.5
	GLR04	E-4	195B	★★★	72.0	19.7	33.4	22.6	45.4	73.2		
			191B	★★	1850	490	848	575	56	587		
			195B	★★★	72.8	19.3	33.4	22.6	70.6	73.2		
			191B	★★	1850	490	848	575	50	587		
GLR19	195B	★★★	72.8	19.3	33.4	22.6	63.0	73.2				
GLR07	Industrial Service	see Industrial Service page										
21.00R33	GLR59	E-4	200B	★★	1960	560	905	650	54	701	TL	15.00/3.0
35/65R33	GLR27	E-4	203B	★★★	77.2	22.0	35.6	25.6	68.0	27.6		
		L-4	225A8	★★★★	2062	900	922	970	62			
			224A2	★★	81.2	35.4	36.3	38.2	78.1			
	GLR20	L-5	229A2	★★★								
			224A2	★★	2062	900	912	970	95			
			229A2	★★★	81.2	35.4	35.9	38.2	119.7			
			224A2	★★	2070	900	912	970	95			
	GLS01	L-5S	229A2	★★★	81.5	35.4	35.9	38.2	124.7			
35"												
21.00R35	GLR04	E-4	201B	★★	2050	565	938	655	61	701	TL	15.00/3.0
	GLR60	E-4	204B	★★★	80.7	22.2	36.9	25.8	76.9	27.6		
			201B	★★	2074	580	942	660	62	701		
			204B	★★★	81.7	22.8	37.1	26.0	78.1	27.6		
24.00R35	GLR04	E-4	209B	★★	2160	645	980	734	68	795	TL	17.00/3.5
	GLR04pro		209B	★★	85.0	25.4	38.6	28.9	85.7	31.3		
	GLR19		209B	★★								
	GLR60		209B	★★	2180	666	980	734	68	795		
			212B	★★★	85.8	26.2	38.6	28.9	85.7	31.3		
37.25R35	GLR18	E-3	218B	★★	2360	946	1056	1063	48		TL	31.00/4.0
	GLR17	E-4			92.9	37.2	41.6	41.9	60.5			
49"												
27.00R49	ARP	E-4	223B	★★	2700	750	1235	870	67	895	TL	19.50/4.0
	ART				106.3	29.5	48.6	34.3	84.4	35.2		
	ARS				2720	750	1239	870	78	895		
51"												
30.00R51	ARS	E-4	230B	★★	2880	845	1315	960	76	995	TL	22.00/4.5
					113.4	33.3	51.8	37.8	95.7	39.2		

TECHNICAL DATA
 RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
33.00R51	ARS	E-4	235B	★★	3050 120.1	920 36.2	1390 54.7	1040 40.9	83 104.6	1075 42.3	TL	24.00/5.0
INDUSTRIAL SERVICE												
18"												
355/65R18	GLR31	Industrial Service	173A5		919 36.2	355 14.0	395 15.6	390 15.4	26.5 33.4	420 16.5	TT/TL	9.75×18
20"												
12.00R20	GLR07	Industrial Service	176A5	★★	1120 44.1	305 12.0	505 19.9	360 14.2	40 50.4	380 15.0	TT/TL	8.5×20
	GLB08				1120 44.1	305 12.0	505 19.9	360 14.2	34 42.8	380 15.0		
24"												
12.00R24	GLR07	Industrial Service	178A5	★★★	1222 48.1	305 12.0	548 21.6	351 13.8	40 50.4	391 15.4	TL	8.5
	GLR07+				1250 49.2	305 12.0	564 22.2	351 13.8	52 65.5	391 15.4		
14.00R24	GLR07	Industrial Service	193A5	★★★	1404 55.3	386 15.2	624 24.6	445 17.5	65 79.4	480 18.9		10.00W
25"												
16.00R25	GLB06	Industrial Service	200A5	★★	1495 58.9	420 16.5	664 26.1	495 19.5	51 64.3	513 20.2	TL	11.25/2.0
	GLR07				1510 59.4	420 16.5	670 26.4	495 19.5	71 89.4	513 20.2		
480/95R25	GLB08	Industrial Service	206A7	★★★	1540 60.6	450 17.7	675 26.6	530 20.9	50 63.0		TL	13.00/2.5
18.00R25	GLR07plus GLR37	Industrial Service	207A5	★★★	1648 64.9	486 19.1	730 28.7	580 22.8	65 81.9	600 23.6	TL	13.00/2.5
20.5R25	GLR02	Industrial Service	201A5	★★★	1460 57.5	508 20.0	635 25.0	608 23.9	28 35.3		TL	17.00/2.0
23.5R25	GLR02	Industrial Service	208A5	★★★	1588 62.5	610 24.0	692 27.2	690 27.2	35 44.1		TL	19.50/2.5
26.5R25	GLR02	Industrial Service	217A5	★★★	1730 68.1	660 26.0	750 29.5	735 28.9	36 45.4		TL	22.00/3.0
29.5R25	GLR02	Industrial Service	224A5	★★★	1873 73.7	776 30.6	832 32.8	845 33.3	51 64.3		TL	25.00/3.5
29"												
29.5R29	GLR18	Industrial Service	225A5	★★★	1960 77.2	745 29.3	868 34.2	844 33.2	43 54.2		TL	25.00/3.5
33"												
18.00R33	GLR07	Industrial Service	219A5	★★★	1828 72.0	475 18.7	801 31.5	580 22.8	70 88.2	600 23.6	TL	13.00/2.5
MOBILE CRANE SERVICE(HIGH-SPEED)												
20"												
365/85R20	GLR35	Mobile Crane Service	164G	20PR	1128 44.4	365 14.4	517 20.4	398 15.7	16.8 21.2	420 16.5	TL	10.00-2.0

TECHNICAL DATA
 RADIAL OTR TYRES DATABOOK

Tire Size	Pattern	TRA Code or Application	Load Index/Speed Symbol	Star Rating	Overall Diameter	Section Width	Static Loaded Radius	Static Loaded Width	Original Tread Depth	Minimum Dual Spacing	Type	Recommended Rim/Flange Height
					mm inch	mm inch	mm inch	mm inch	mm inch	mm inch		inch
24"												
385/95R24 (14.00R24)	GLB05 GLR35	Mobile Crane Service	170E	★★★	1365 53.7	385 15.2	628 24.7	422 16.6	20.5 25.6	450 17.7	TL	10.00W
	GLB07				1365 53.7	385 15.2	628 24.7	422 16.6	23 29.0	450 17.7		
	GLN01				1352 53.2	380 15.0	625 24.6	420 16.5	20 25.2	450 17.7		
25"												
385/95R25 (14.00R25)	GLB05 GLR35	Mobile Crane Service	170F	★★★	1365 53.7	385 15.2	630 24.8	422 16.6	20.5 25.6	450 17.7	TL	10.00/1.5
			170E		53.7	15.2	24.8	16.6	29.0	17.7		
	GLB07		170F		1365 53.7	385 15.2	630 24.8	422 16.6	23 29.0	450 17.7		
			170E		53.7	15.2	24.8	16.6	29.0	17.7		
	GLN01		170E		1355 53.3	380 15.0	626 24.6	420 16.5	20 25.2	450 17.7		
			170F		53.3	15.0	24.6	16.5	25.2	17.7		
445/95R25 (16.00R25)	GLB05	Mobile Crane Service	174F	★★	1476 58.1	440 17.3	686 27.0	475 18.7	25 31.5	513 20.2	TL	11.25/2.0
			177E		58.1	17.2	27.0	18.7	31.5	20.2		
	GLB07		174F		1476 58.1	436 17.2	686 27.0	474 18.7	25 31.5	513 20.2		
			177E		58.1	17.2	27.0	18.7	31.5	20.2		
	GLN01		174F		1472 58.0	436 17.2	685 27.0	475 18.7	23 29.0	513 20.2		
			177E		58.0	17.2	27.0	18.7	29.0	20.2		
445/80R25 (17.5R25)	GLB05	Mobile Crane Service	170F 170E	★★	1330 52.4	450 17.7	610 24.0	485 19.1	25 31.5		TL	14.00/1.5
505/95R25 (18.00R25)	GLB05	Mobile Crane Service	186E	★★	1585 62.4	505 19.9	745 29.3	565 22.2	26 32.8	587 23.1	TL	13.00/2.5
525/80R25 (20.5R25)	GLB05	Mobile Crane Service	176F 179E	★★	1472 58.0	525 20.7	675 26.6	578 22.8	31 39.1		TL	17.00/2.0
605/80R25 (23.5R25)	GLR58	Mobile Crane Service	188E	★★	1610 63.4	610 24.0	742 29.2	695 27.4	27 34.0		TL	19.50/2.5
SAND SERVICE												
20"												
14.00R20	GLF01	E-7	164G	20PR	1230 48.4	370 14.6	570 22.4	410 16.1	18 22.7	450 17.7	TT/TL	10.00W
16.00R20	GLF01	E-7	167D	28PR	1305 51.4	405 15.9	582 22.9	473 18.6	18 22.7	520 20.5	TT/TL	11.25
20.5"												
525/65R20.5	GLF02	E-7	173F	20PR	1195 47.0	525 20.7	548 21.6	546 21.5	17 21.4		TL	16.00×20.5
24R20.5	GLF02	E-7	176F	16PR	1378 54.3	605 23.8	628 24.7	672 26.5	17 21.4		TL	18.00×20.5
21"												
24R21	GLR21	E-2	176G		1378 54.3	600 23.6	632 24.9	642 25.3	25 31.5		TT/TL	18.00/1.5
25"												
29.5R25	GLF02	E-7	196E	★★	1820 71.7	745 29.3	818 32.2	830 32.7	21 26.5		TL	25.00/3.5

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures															
		km/h mph																
18"																		
355/80R18			kpa	275	300	325	350	375										
			psi	40	44	47	51	54										
	GLR15	E/M 50 30	★ kg lbs	1650 3630	1750 3860	1900 4180	2000 4400	2120 4670										
		Loader 10 5	★ kg lbs	2250 4960	2450 5400	2600 5730	2750 6060	2900 6390										
405/70R18	GLR15	E/M 50 30	★ kg lbs	1800 3970	1900 4190	2000 4410	2100 4630	2575 5680										
		Loader 10 5	★ kg lbs	2430 5350	2575 5680	2725 6000	2900 6400	3650 8050										
	GLR31	IND	See Industrial Service page															
	19.5"																	
445/70R19.5 (18R19.5)			kpa	350	400	450	500	550	600	650	700	750						
			psi	51	58	65	73	80	87	94	102	109						
	GLR30	E/M 40 25	★ kg lbs	3290 7250	3690 8130	4010 8840	4335 9550	4655 10260	5295 11670	5615 12370	6100 13440	6500 14330						
		Loader 10 5	★ kg lbs	4050 8920	4545 10020	4940 10890	5335 11760	5730 12630	6520 14370	6915 15240	7505 16540	8000 17630						
20"																		
12.00R20			kpa	525	550	575	600	625	650	675	700	725	750	775	800	825		
			psi	76	80	83	87	91	94	98	102	105	109	112	115	120		
	GLS01	Loader 10 5	★ kg lbs	4375 9650	4500 9900	4625 10200	4875 10700	5000 11000	5150 11400	5300 11700	5450 12000	5600 12300	5800 12800	5900 13000	6000 13200	6150 13600	★★	
	GLR07 GLB08	IND	See Industrial Service page															
14.00R20			kpa	450	475	500	525	550	575	600	625	650	675	700				
			psi	65	69	73	76	80	83	87	91	94	98	102				
	GLR09 GLR12	E/M 50 30	★ kg lbs	3550 7850	3750 8250	3875 8550	4000 8800	4125 9100	4250 9350	4375 9650	4625 10200	4750 10500	4875 10700	5000 11000				
	GLF01	Sand	See sand Service page															
335/80R20			kpa	275	300	325	350	375										
			psi	40	44	47	51	54										
	GLR15	E/M 50 30	★ kg lbs	1800 4000	1900 4200	2000 4400	2100 4700	2240 4940										
		Loader 10 5	★ kg lbs	2430 5350	2575 5700	2725 6000	2900 6400	3075 6780										
365/80R20	GLR15	E/M 50 30	★ kg lbs	2060 4500	2180 4800	2300 5100	2430 5400	2575 5700										
		Loader 10 5	★ kg lbs	2900 6400	3075 6800	3250 7150	3450 7600	3650 8000										
	GLR35	High-Speed	See Mobile Crane Service page															
	405/70R20	GLR15	E/M 50 30	★ kg lbs	2180 4800	2300 5100	2430 5400	2575 5700	2725 6000									
Loader 10 5			★ kg lbs	3075 6800	3250 7150	3450 7600	3650 8000	3875 8550										
GLF01		Sand	See sand Service page															

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures															
		km/h mph																
20.5"																		
525/65R20.5	GLF02	E-7	See sand Service page															
24R20.5	GLF02	E-7	See sand Service page															
21"																		
24R21	GLR21	E-2	See sand Service page															
22.5"																		
445/70R22.5 (18R22.5)			kpa	350	400	450	500	550	600	650	700	750						
			psi	51	58	65	73	80	87	94	102	109						
	GLR30	E/M	★															
		40	kg	3490	3915	4010	4600	5280	5620	5960	6475	6900						
		25	lbs	7690	8630	8840	10140	11640	12390	13140	14270	15210						
GLR30	Loader	★																
	10	kg	4300	4825	5245	5665	6505	6925	7345	7975	8500							
	5	lbs	9480	10630	11560	12490	14340	15260	16190	17580	18730							
445/65R22.5			kpa	350	400	450	500	550	600	650	700	750						
			psi	51	58	65	73	80	87	94	102	109						
	GLR30	E/M	★															
		80	kg	3250	3600	3950	4250	4600	4900	5200	5500	5800						
		50	lbs	7150	7940	8700	9350	10150	10800	11450	12130	12800						
24"																		
12.00R24			kpa	525	550	575	600	625	650	675	700	725	750	775	800	825		
			psi	76	80	83	87	91	94	98	102	105	109	112	115	120		
	GLS01	Loader	★															
		10	kg	4875	5150	5300	5450	5600	5800	6000	6150	6300	6500	6500	6700	6900	★★	
		5	lbs	11000	11400	11700	12000	12300	12800	13200	13600	13900	14300	14300	14700	15200		
12.00R24	GLR07 GLR07+	IND	See Industrial Service page															
13.00R24			kpa	200	225	250	275	300	325	350	375							
			psi	29	33	36	40	44	47	51	54							
	GLR82	Grader	★															
40		kg	1850	2000	2180	2360	2500	2650	2800	3000								
25		lbs	4080	4400	4800	5200	5520	5840	6150	6600								
14.00R24			kpa	200	225	250	275	300	325	350	375							
			psi	29	33	36	40	44	47	51	54							
	GLR35 GLR82	Grader	★															
		40	kg	2240	2430	2650	2800	3000	3250	3350	3650							
		25	lbs	5360	5840	6150	6600	7150	7400	8050								
			kpa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800
			psi	65	69	73	76	80	83	87	91	94	98	102	105	109	112	115
	GLR82 GLR09 GLR12	E/M	★															
		50	kg	4000	4125	4375	4500	4625	4750	5000	5150	5600	5700	5800				
		30	lbs	8800	9100	9650	9900	10200	10500	11000	11400	11700	12000	12800				
GLS01	Loader	★																
	10	kg	5950	6200	6450	6700	6950	7200	7450	7700	7950	8200	8450	8700	8950	9200	9500	
	5	lbs	13120	13700	14220	14800	15300	15900	16400	16980	17500	18080	19600	19180	19690	20680	20900	
GLR26 GLS01	Underground Mine Machine	★																
		kg	3850	4050	4300	4550	4800	5050	5300	5750	6200	6350	6550	6850	7250	★★★		
		lbs	8450	8900	9450	10000	10500	11100	11600	12600	13600	14000	14400	15100	15900			
14.00R24	GLR07	IND	See Industrial Service page															
385/95R24 (14.00R24)	GLB05 GLB07 GLN01 GLR35	High-Speed	See Mobile Crane Service page															
405/70R24			kpa	275	300	325	350	375										
			psi	40	44	47	51	54										
	GLR15	E/M	★															
		50	kg	2180	2300	2430	2820	3000										
		30	lbs	4800	5100	5400	5700	6600										
GLR15	Loader	★																
	10	kg	3075	3250	3450	3985	4250											
	5	lbs	6800	7150	7600	8000	9350											

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures																			
		km/h mph																				
650/65R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91				
	GLR06	E/M 50 30	★ kg lbs	★★																		
			5700 12600	6100 13400	6500 14300	6900 15200	7250 1600	7600 16800	8000 17600													
	GLR06	Loader 10 5	★ kg lbs								10000 22000	10600 23400	10900 24000	★ 11500 25400	11800 26000	12500 27600	12850 28300	13200 29100	13600 30000	★★ 14000 30900		
750/65R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91				
	GLR06	E/M 50 30	★ kg lbs	★★																		
			7600 16700	8100 17800	8650 18100	9150 20100	9650 21200	10100 22200	10600 23400													
	GLR06	Loader 10 5	★ kg lbs								13200 29100	13600 30000	14500 32000	★ 15000 33100	15500 34200	16000 35300	16500 36400	1700 37500	17500 38600	★★ 18500 40800		
26.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94			
	GLR02 GLR02+ GLR06 GLR09	E/M 50 30	★ kg lbs	★							★★											
			7100 15700	7500 16500	8000 17600	8500 18700	9000 19800	9500 20900	9750 21500	10300 22700	10600 23400	11200 24700	11500 25400									
			kpa psi	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 109	775 112	800 116			
	GLR02 GLR02+ GLR06 GLR09 GLR28 GLS01 GLR61	Loader 10 5	★ kg lbs	★							★★										★★★	
			13200 29100	14000 30900	14500 32000	15000 33100	15500 34200	16000 35300	16500 36400	17000 37500	18000 39700	18500 40800	18700 41200	19200 42300	19700 43400	20200 44500	20700 45600	21200 46700				
			kpa psi	300 44	400 58	450 65	500 73	550 80	600 87	650 94	700 102	750 109	800 116									
	GLR28 ★★★★	E/M 40 25	★ kg lbs	9000 19800	11200 24700	12500 27600	13200 29100	14500 32000	15500 34200	16500 36400	17000 37500	18000 39700	★★★★ 19000 41900	Underground Tansport Machine								
			GLR02	IND	See Industrial Service page																	
29.5R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94			
	GLR02 GLR06 GLR09	E/M 50 30	★ kg lbs	★							★★											
			8500 18700	9250 20400	9750 21500	10300 22700	10900 24000	11500 25400	11800 26000	12500 27600	12850 28300	13600 30000	14000 30900									
			kpa psi	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 109	775 112	800 116			
	GLR02 GLR06 GLR08 GLR09 GLR28 GLR61	Loader 10 5	★ kg lbs	★							★★										★★★	
			16000 35300	17000 37500	17500 38600	18000 39700	19000 41900	19500 43000	20000 44100	20600 45400	21200 46700	22400 49400	22700 50000	23300 51400	23900 52700	24500 54000	25100 55300	25750 56800				
			kpa psi	300 44	400 58	450 65	500 73	550 80	600 87	650 94	700 102	750 109	800 116									
	GLR28 ★★★★	E/M 40 25	★ kg lbs	10900 24000	13600 30000	15000 33000	16000 35300	17500 38600	18500 40800	19500 43000	20600 45400	21800 48100	★★★★ 23000 50700	Underground Tansport Machine								
			GLR02	IND	see Industrial Service page																	
GLF02	E-7		see sand Service page																			

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures																	
		km/h mph																		
850/65R25			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91		
	GLR06	E/M 50 30	★ kg lbs	★★																
				9000 19800	9600 21200	10200 22500	10800 23800	11300 24900	11900 26200	12500 27600										
	GLR06	Loader 10 5	★ kg lbs								16500 36400	17500 38600	18000 39700	★ 19000 41900	19500 43000	20600 45400	21200 46700	21800 48100	22400 49400	★★ 23000 50700
29"																				
480/95R29			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 106	750 109	775 113	800 116		
	GLR36pro GLR39pro GLR57 GLR50	E/M 50 30	★ kg lbs	★								★★				★★★				
				6800 14800	7100 15500	7300 16000	7600 16600	7900 17300	8100 17700	8400 18400	8700 19000	8900 19500	9200 20100	9500 20800	9700 21200	10000 21900	10250 22400	10500 23000		
				14800 15500	15500 16000	16000 16600	16600 17300	17300 17700	17700 18400	18400 19000	19000 19500	19500 20100	20100 20800	20800 21200	21200 21900	21900 22400	22400 23000	23000		
29.5R29			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76						
	GLR18 GLR27	E/M 50 30	★ kg lbs	9000 19800	9750 21500	10300 22700	10900 24000	11500 25400	12150 26800	12500 27600	13200 29100	13600 30000	14500 32000	15000 33100						
			kpa psi	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	700 102	750 109	800 116			
	GLR18 GLR27 GLR20pro	Loader 10 5	★ kg lbs	16500 36400	17000 37500	18000 39700	18500 40800	19500 43000	20000 44100	20600 45400	21200 46700	22400 49400	23000 50700	★★ 23600 52000	25750 56800	27250 60000	★★★ 29000 64000			
			kpa psi	300 44	400 58	450 65	500 73	550 80	600 87	650 94	700 102	750 109	800 116							
	GLR27 ★★★★	E/M 40 25	★ kg lbs	11800 26000	14500 32000	16000 35300	17000 37500	18500 40800	19500 43000	20600 45400	21800 48100	23000 50700	★★★★ 24300 53600	Underground Tansport Machine						
	GLR18	IND		see Industrial Service page																
33.25R29			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76						
	GLR18 GLR06	E/M 50 30	★ kg lbs	11200 24700	12150 26800	12850 28300	13600 30000	★ 14000 30900	15000 33100	15500 34200	16500 36400	17000 37500	17500 38600	★★ 18500 40800						
875/65R29			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91		
	GLR06	E/M 50 30	★ kg lbs	★★																
				11100 24500	11900 26200	12600 27800	13400 29500	14100 31100	14800 32600	15500 34200										
	GLR06	Loader 10 5	★ kg lbs								18500 40800	19500 43000	20600 45400	★ 21200 46700	21800 48100	23000 50700	23600 52000	24300 53600	25000 55100	★★ 25750 56800
33"																				
18.00R33			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 108	775 112	800 116		
	GLR04 GLR19 GLR60	E/M 50 30	★ kg lbs	★								★★				★★★				
				7750 17000	8000 17600	8500 18700	8750 19300	9000 19800	9250 20300	9750 21500	10000 22000	10300 22700	10600 23300	10900 24000	11200 24700	11500 25300	11800 26000	12150 26800		
	GLR07	IND		see Industrial Service page																
21.00R33			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 108	775 112	800 116		
	GLR59	E/M 50 30	★ kg lbs	★								★★				★★★				
			10000 22000	10300 22700	10900 24000	11200 24700	11500 25400	11800 26000	12500 27600	12850 28300	13200 29100	13600 30000	14000 30900	14300 31500	14700 32400	15100 33300	15500 34200			
35/65R33			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	700 102	750 109	800 116					
	GLR27 GLR20 GLS01	Loader 10 5	★ kg lbs	★								★★				★★★				
			21200 46700	22400 49400	23000 50700	23600 52000	25000 55100	25750 56800	26500 58400	27250 60000	28000 61500	30000 66000	31500 69500	32500 71500						

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures															
		km/h mph																
35/65R33			kpa psi	500 73	550 80	600 87	650 94	700 102	750 109	800 116								
	GLR27 ★★★★	E/M 40 25	★ kg lbs	★★★★														
			20000 44100	21200 46700	23000 50700	24300 53600	25750 56700	27250 60000	29000 63900	Underground Tansport Machine								
		35"																
21.00R35			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 108	775 112	800 116
	GLR04	E/M 50 30	★ kg lbs	★														
			10300 22700	10600 23400	11200 24700	11500 25400	11800 26000	12500 27600	12850 28300	13200 29100	13600 30000	14000 30900	14500 32000	14900 32800	15300 33700	15700 34600	16000 35300	
				kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102	725 105	750 108	775 112
24.00R35	GLR04 GLR04Pro GLR19 GLR60	E/M	★	★														
		50	kg	★★														
		30	lbs	★★★														
			13200 29100	13600 30000	14000 30900	14500 32000	15500 34200	16000 35300	16500 36400	17000 37500	17500 38600	18000 39700	18500 40800	18800 41400	19300 42500	19600 43200	20000 44100	
37.25R35			kpa psi	275 40	300 44	325 47	350 51	375 54	400 58	425 62	450 65	475 69	500 73	525 76				
	GLR18 GLR17	E/M 50 30	★ kg lbs	★														
			14500 32000	15500 34200	16500 36400	17500 38600	18500 40800	19500 43000	20600 45400	21200 46700	22400 49400	23000 50700	23600 52000					
		49"																
27.00R49			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102				
	ARP ART	E/M 50 30	★ kg lbs	★														
			19500 43000	20000 44100	20600 45400	21800 48100	22400 49400	23000 50700	23600 52000	25000 55100	25750 56800	26500 58400	27250 60000					
		51"																
30.00R51			kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102				
	ARS	E/M 50 30	★ kg lbs	★														
			23600 52000	25000 55100	25750 56800	26500 58400	28000 61500	29000 64000	30000 66000	30750 68000	31500 69500	32500 71500	33500 74000					
				kpa psi	450 65	475 69	500 73	525 76	550 80	575 83	600 87	625 91	650 94	675 98	700 102			
33.00R51	ARS	E/M	★	★														
		50	kg	★★														
		30	lbs	★★★														
			27250 60000	29000 64000	30000 66000	30750 68000	32500 71500	33500 74000	34500 76000	35500 78500	36500 80500	37500 82500	38750 85500					
INDUSTRIAL SERVICE																		
355/65R18			kpa psi	km/h mph	0 stractic	Creep	5 3	10 5	15 9	20 12	25 15	30 19						
	GLR31	load wheel	1000 145	kg lbs	9350 20600	8100 17850	7500 16500	7000 15400	6750 14900	6600 14550	6500 14300	6300 13900						
		Steering wheel	1000 145	kg lbs	11700 25800	10400 22900	9400 20700	8750 19300	8450 18600	8250 18200	8100 17850	7900 17400						
		20"																
12.00R20			kpa psi	km/h mph	0 stractic	Creep	5 3	10 5	15 9	20 12	25 15	30 19	35 22					
	GLR07 GLB08	load wheel	1000 145	kg lbs	10730 23650	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	9230 20350	
		Steering wheel	1000 145	kg lbs	9230 20350	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	7100 15600	
		24"																
12.00R24			kpa psi	km/h mph	0 stractic	Creep	5 3	10 5	15 9	20 12	25 15	30 19	35 22					
	GLR07 GLR07+	load wheel	1000 145	kg lbs	12420 27385	11040 34345	10005 22060	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	9750 21500	
		Steering wheel	1000 145	kg lbs	9935 21910	9750 21500	8830 19475	8005 17650	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	7500 16500	

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures																	
		km/h mph																		
385/95R24 (14.00R24)			kpa psi	km/h mph	0 stractic	Creep Creep	5 3	10 5	15 9	20 12	30 19	40 25	50 30	60 37	70 43	80 50	90 56	100 62		
	GLB05 GLB07 GLN01 (170F)	High-Speed	900 131	kg lbs	17700 39000	1440 31700	12700 28100	11000 24300	9900 21830	9000 19850	7500 16540	6900 15220	6720 14820	6600 14560	6300 13890	6000 13230	5640 12440	5100 11250		
	25"																			
			kpa psi	km/h mph	0 stractic	Creep Creep	5 3	10 5	15 9	20 12	30 19	40 25	50 30	60 37	70 43	80 50	90 56	100 62		
385/95R25 (14.00R25)	GLB05 GLB07 GLN01 (170E)	High-Speed	900 131	kg lbs	17700 39000	14400 31700	12700 28100	11000 24300	9850 21700	8900 19600	7800 17200	7450 16400	7100 15600	6700 14800	6000 13200	4925 10800	4200 9250	3600 7950		
	GLB05 GLB07 GLN01 (170F)	High-Speed	900 131	kg lbs	17700 39000	14400 31700	12700 28100	11000 24300	9900 21830	9000 19850	7500 16540	6900 15220	6720 14820	6600 14560	6300 13890	6000 13230	5640 12440	5100 11250		
	25"																			
			kpa psi	km/h mph	0 stractic	Creep Creep	5 3	10 5	15 9	20 12	30 19	40 25	50 30	60 37	70 43	80 50	90 56	100 62		
445/95R25 (16.00R25)	GLB05 GLB07 GLN01 (177E)	High-Speed	900 131	kg lbs	21500 47500	17500 38500	15500 34200	13400 29600	12000 26400	10800 23800	9500 20900	9050 20000	8600 19000	8100 18000	7300 16100	6000 13200	5100 11300	4375 9650		
	GLB05 GLB07 GLN01 (174F)	High-Speed	900 131	kg lbs	21500 47500	17600 38800	15500 34100	13500 29700	11100 24400	10000 22200	8400 18500	7700 17000	7500 16500	7400 16200	7050 15500	6700 14800	6300 13900	5700 12600		
	25"																			
			kpa psi	km/h mph	0 stractic	Creep Creep	5 3	10 5	15 9	20 12	30 19	40 25	50 30	60 37	70 43	80 50	90 56	100 62		
445/80R25 (17.5R25)	GLB05 170E	High-Speed	700 102	kg lbs	17700 39000	14400 31700	12700 28100	11000 24300	9850 21700	8900 19600	7800 17200	7450 16400	7100 15600	6700 14800	6000 13200	4925 10800	4200 9250	3600 7950		
	GLB05 170F	High-Speed	900 131	kg lbs	15000 33070	14400 31700	12600 27800	10800 23800	9900 21800	9000 19800	7500 16500	6900 15200	6600 14800	6300 14600	6000 13900	6000 13200	5640 12400	5100 11200		
	25"																			
505/95R25 (18.00R25)			kpa psi	km/h mph	0 stractic	Creep Creep	5 3	10 5	15 9	20 12	30 19	40 25	50 30	60 37	70 43	80 50	90 56	100 62		
	GLB05 186E	High-Speed	900 131	kg lbs	28000 61800	22700 50200	20200 44500	17500 38500	15600 34300	14100 31000	12300 27200	11800 26000	11200 24700	10600 23400	9500 20900	7800 17200	6650 14700	5700 12600		
525/80R25 (20.5R25)			kpa psi	km/h mph	0 stractic	Creep Creep	5 3	10 5	15 9	20 12	30 19	40 25	50 30	60 37	70 43	80 50	90 56	100 62		
	GLB05 179E	High-Speed	700 102	kg lbs	22900 50400	18600 40900	16500 36300	14300 31400	12700 28000	11500 25300	10100 22200	9600 21200	91500 20200	8700 19100	7750 17100	7100 15600	5400 12000	4650 10200		
	GLB05 176F	High-Speed	700 102	kg lbs	21500 47200	17600 38700	15500 34100	13500 29600	11700 25800	10600 23500	8900 19600	8200 18000	7950 17500	7800 17200	7450 16400	7100 15600	6700 14700	6050 13300		
605/80R25 (23.5R25)			kpa psi	km/h mph	0 stractic	Creep Creep	5 3	10 5	15 9	20 12	30 19	40 25	50 30	60 37	70 43	80 50	90 56	100 62		
	GLR58 188E	High-Speed	700 102	kg lbs	30300 66800	24600 54200	21800 48000	18900 41700	16400 36200	14800 32600	13000 28700	12400 27300	12100 26700	11200 24700	10000 22000	8200 18000	7000 15400	6000 13200		
SAND SERVICE																				
20"																				
14.00R20			kpa psi	150 22	200 29	300 44	400 58	500 73	600 87	700 102	800 116									
	GLF01	80km/h 50mph	Road in single	1360 3000	1700 3760	2300 5100	3080 6800	3620 8000	4080 9000	4510 9960	5000 11000									
		65km/h 40mph	Track in single	1560 3750	2600 5730	3500 7720	4450 9810	5000 11000												
		20km/h 12mph	Sand in single	2450 5400	3050 6700	4200 9260														

LOAD AND INFLATION PRESSURE TABLES

RADIAL OTR TYRES DATABASE

Size	Pattern	Application Max.Speed	Tyre Load Limits at Various Cold Inflation Pressures												
		km/h mph													
16.00R20			kpa psi	150 22	200 29	300 44	390 57	490 71	580 84	630 91	680 98	720 105			
	GLF01	65km/h 40mph	Road in single	1750 3850	2200 4850	3000 6600	3600 7930	4250 9400	4750 10500	5000 11000	5250 11550	5500 12100			
		50km/h 30mph	Track in single	2050 4500	2550 5600	3500 7700	4250 9400	5000 11000	5500 12100	4250 9400					
		20km/h 12mph	Sand in single	2650 5800	3250 7200	4500 9900									
20.5"															
525/65R20.5			kpa psi	150 22	200 29	300 44	400 58	500 73	600 87	700 102	800 116				
	GLF02	80km/h 50mph	Road in single	1450 3190	2150 4740	2850 6280	3600 7940	4300 9480	5000 11020	5750 12670	6500 14330				
		65km/h 40mph	Track in single	1700 3750	2600 5730	3500 7720	4450 9810	5250 11580							
		20km/h 12mph	Sand in single	2300 5070	3850 8490	5250 11580									
24R20.5			kpa psi	150 22	200 29	250 36	300 44	350 51	400 58	450 65	500 73	550 80	600 87		
	GLF02	80km/h 50mph	Road in single	1950 4300	2950 6500	3450 7600	4000 8820	4500 9920	5010 11050	5520 12170	6050 13340	6575 14500	7100 15660		
		65km/h 40mph	Track in single	2550 5620	3650 8050	4250 9370	4750 10470	5300 11690	5850 12900	6400 14110	6750 14480	7100 15660			
		20km/h 12mph	Sand in single	3500 7720	5350 11800	6400 14110	7100 15660								
21"															
24R21			kpa psi	150 22	200 29	250 36	300 44	350 51	400 58	450 65	500 73	550 80	600 87		
	GLR21	80km/h 50mph	Road in single	1950 4300	2950 6500	3450 7600	4000 8820	4500 9920	5010 11050	5520 12170	6050 13340	6575 14500	7100 15660		
		65km/h 40mph	Track in single	2550 5620	3650 8050	4250 9370	4750 10470	5300 11690	5850 12900	6400 14110	6750 14480	7100 15660			
		20km/h 12mph	Sand in single	3500 7720	5350 11800	6400 14110									
25"															
29.5R25			kpa psi	200 29	250 36	300 44	350 51	400 58	450 65	500 73	550 80				
	GLF02	70km/h 50mph	Road in single	7800 17200	9050 20000	9850 21700	10500 23100	11000 24300	12000 26500	13000 28700	14000 30900				
		65km/h 40mph	Track in single	9050 20000	9850 21700	10500 23100	11000 24300	12000 26500	13000 28700	14000 30900					
		20km/h 12mph	Sand in single	11000 24300	12500 27600	14000 30900									

1. Tyre and Rim

- (1) Check carefully before tyre mounting to see if the rim sizes are identical to those marked on sidewalls.
- (2) The tyre should be fitted as much as possible to standard rims or allowable rim range.
- (3) The tyre should not be fitted to deformed rims or non-conformity rims.

WARNING: Deformed rims or non-conformity rims will result in premature tyre toe failure or blow out to hurt People.

2. Inflated Pressure

- (1) Rules should be followed to inflate the tyre (Figure1)
- (2) It is not appropriate to inflate the tyre over pressure and then release the air to standard pressure.
- (3) Check the tyre pressure regularly and replenish when the air pressure is not found Sufficient.

WARNING: Tyre under-pressure will cause decreased loading capacity, easy cord breaking and dangerous blow out ,Tyre overpressure will cause cord strength loss and dangerous blow out.

3. Load

- (1) Select the tyre of corresponding ply rating and load based on the vehicles, standard loading capacity.
- (2) The tyre of low ply rating can not bear high load. The tyre load can not be increased by the increase of inflated pressure.
- (3) The load should be distributed evenly on the vehicle. (Figure2)

WARNING: Overload will cause a serious injury to the tyre or the people. The vehicle with the load unevenly distributed will cause some of tyres serious overload, which is one of the factors causing accidents.

4. Speed

The tyre should match the vehicle in operating speed and operate in the range of specified speed for vehicle.
WARNING: Over speed will cause quicker tread wear, rapid heat build up, tyre strength deterioration, separations and even tyre blow out.

5. Tyre Mounting

- (1) Tyres of same specifications, ply ratings and tread patterns must be mounted on the same axle. The original tyre differs from the replaced tyre in height not more than 3%.
- (2)Dual tyre rim ventilating holes should be in alignment with each other. Tyre valves should be positioned at 180° to each other. Dual spacing should be more than 20mm under static load.
- (3) Tyre toe-in should be adjusted to a standard value.
- (4) When the old tube is used, its outer circumference should not be over 92% of the inner circumference of the tyre. It is recommended that the old tube with more than 2 repair patches should not remain in use.
- (5) The rim should be tightly and evenly bolted into position.
- (6) As to tyres of directional tread patterns, the direction marked on sidewalls should be identical to the direction of vehicle travel.

WARNING: Tyres of different specifications, ply ratings and tread patterns mounted on the same axle will deteriorate comprehensive tyre performances. Smaller dual spacing will cause easy heat build up due to the friction between two tyres and cause premature tyre failure. The tyre toe-in poorly adjusted will cause vehicle,s poor directivity, tyre side slip, severe tread wear and increased fuel cost. Too big circumference of the old tube will cause the tube folded inside the tyre and tyre blow out.

6. Pre-ride of Tyres

When new tyres have been mounted, the pre-ride should be taken below 50km/h for 200km for normal tyres .Through the pre-ride new tyres will adapt to deformation, remove the stress caused during manufacturing, decrease heat build up and extend tyre performance life.

7. Others

- (1) Quick start up, urgent braking, sharp turning, striking by sharp obstacles, contacts with corrosives and oil contaminants, operation in high temperature, etc. will cause premature tyre failures.
- (2) Tyres should be well maintained and regularly shifted (Figure 3). The sharp obstacles punctured into tyres or the stones clogged in tread channels should be removed immediately.
- (3) When the tyre tread has worn out to the extent specified, stop using it.
- (4) If there is any problem regarding tyre quality, please do not hesitate to contact the tyre dealers or us to enable solving the problems immediately.

