XINGYUAN TIRE GROUP

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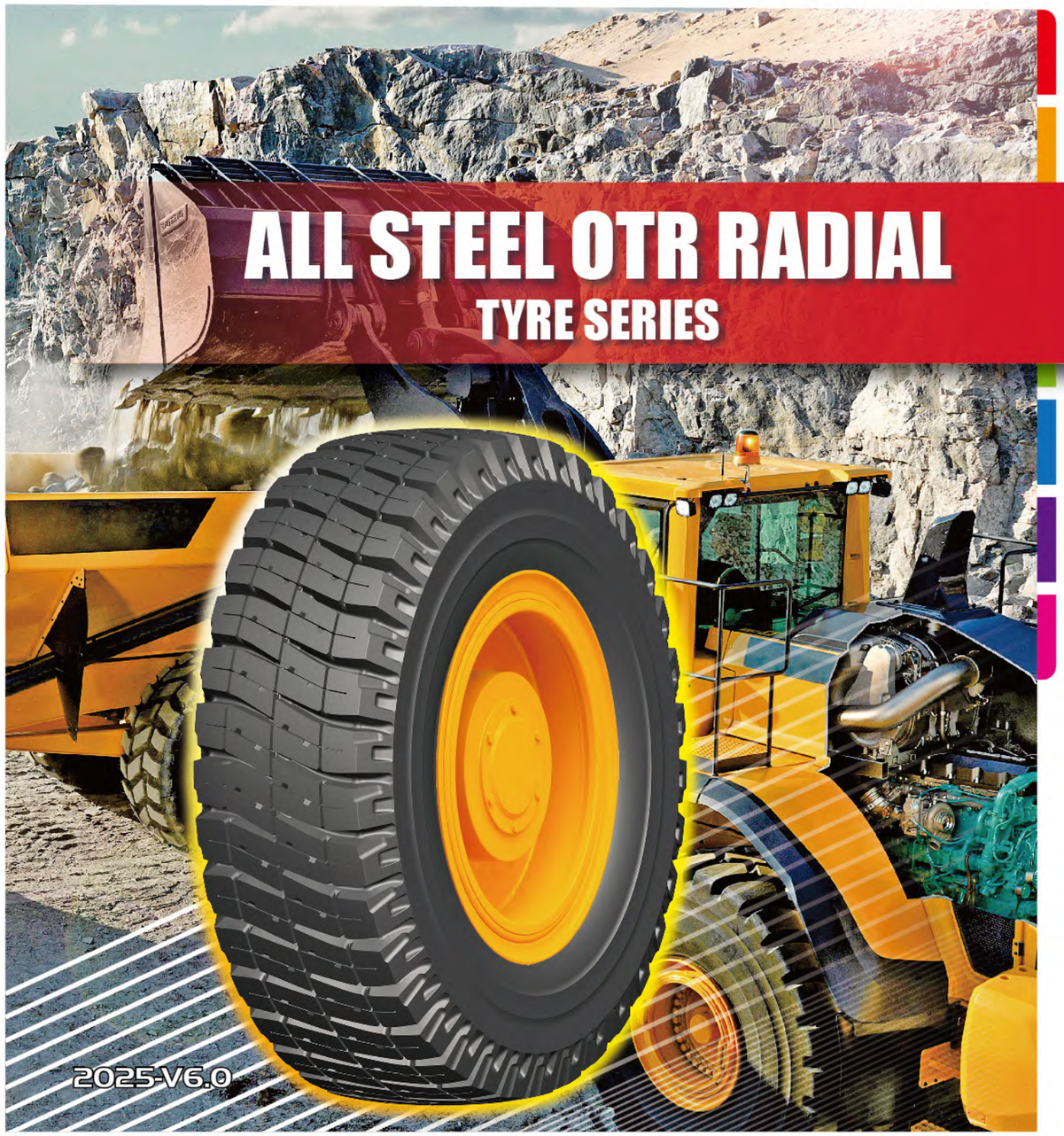


CONTENTS

INTRODUCTION

1.Industry Standard

HILO Corporation has developed a wide range of tire patterns and specifications, so that the proper Off-the-Road tire can be matched to any vehicle, service, or operating conditions.
HILO Off-the-Road tires are designed and produced to meet the commonly accepted international standards, those set by the TRA (Tire and Rim Association) in the U.S.A., by the ETRTO (European Tire and Rim Technical Organization) in Europe.
Load capacities, inflation pressures, dimensions such as overall tire diameter and width, as well as the relative rims and tube valves follow these standards.
If a tire is to be used for a purpose other than that for which it is originally intended, please consult HILO Corporation for advice.

*Where differences exist between the TRA, and ETRTO standards, HILO selects the most applicable.

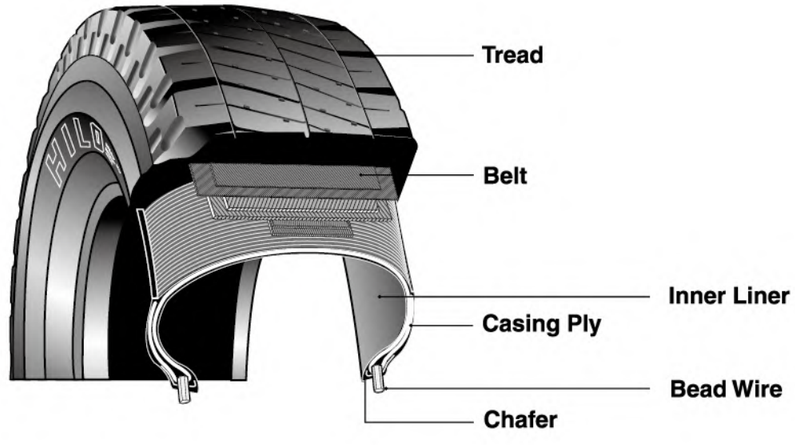
2.Application Vehicle Matching Chart

APPLICATION	VEHICLE
Earthmover Service	Dump Trucks, Motor Scrapers, Articulated Dump Trucks, Coal Haulers, Logging Trucks, Other Mining Trucks, etc.
Grader Service	Motor Graders
Loader & Dozer Service	Front-End Loaders, Back-hoe Loaders, Skid Steer Loaders, Dozers, Underground Trucks, Load-Haul-Dumps, etc.
Mobile Crane Service (High-Speed)	All-Terrain Cranes, High-Speed Vehicles, etc.
Industrial Service	Straddle Carriers, Aircraft Towing Tractors, Container Stackers, Counter-balanced Lift Trucks, Mobile Crushers, Log Stackers, etc.
Logging Service	Log-Skidders
Compactor Service	Compactor, Road Rollers
Sand Service	Sand Service Trucks
Underground Service	Underground Trucks, Load Haul Dumps, Drilling Jumbo

GENERAL INFORMATION

1. Structural Diagram

Off-The-Road Radial Tire (OTR)



2. Definitions

2.1 Tire Size

The size of each tire is indicated by nominal width and rim diameter in inches and mm.
Radial structure is indicated by the letter "R". For some tire the aspect ratio is indicated by percentage.

Example
Radial Tire ; 40.00R57, 33.25R35, 445/95R25
Bias Tire ; 21.00-35, 45/65-45

2.2 Star Rating, Ply Rating and Load Index

The load capacity of a tire is indicated by the star rating (in case of radial tire) and the ply rating (in case of bias tire).
The load index is applied in countries where the ETRTO standards are used.

2.3 Overall Diameter (OD)

"Overall Diameter" is twice the section height of a new tire, plus the nominal rim diameter, including 24-hour inflation growth.

2.4 Overall Width (OW)

"Overall Width" is the width of a new tire, including 24-hour inflation growth, and including protective side ribs, bars or decorations.

2.5 Section Width (SW)

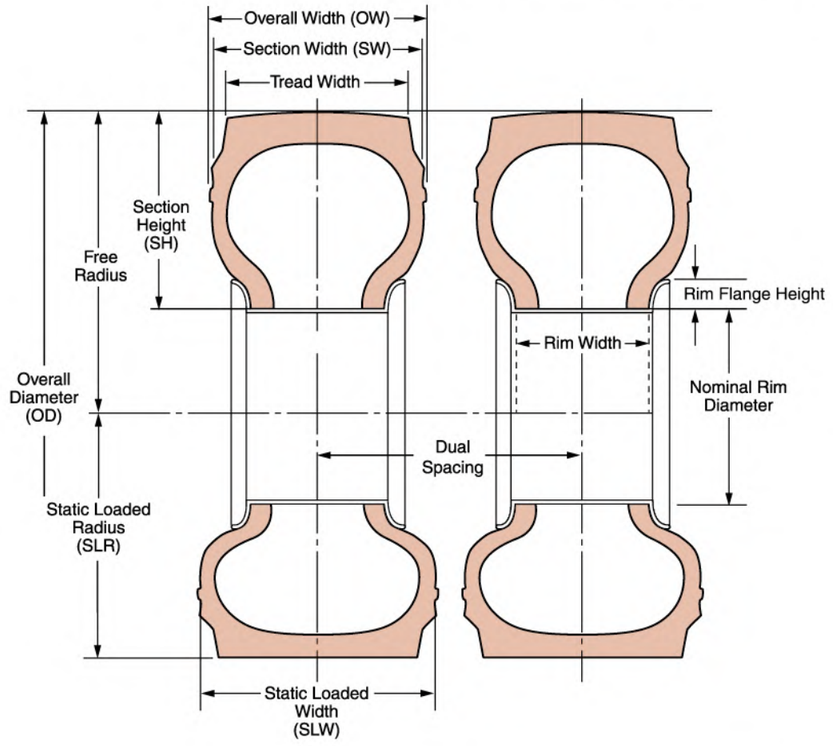
"Section Width" is the width of a new tire, including 24-hour inflation growth and including normal sidewalls, but not including protective side ribs, bars, or decorations.

2.6 Static Loaded Radius and Width (SLR, SLW)

"Static Loaded Radius" is the shortest distance from the axle center to the contact surface of a tire and "Static Loaded Width" is the overall width of a tire, mounted on the approved rim at the specified inflation pressure and placed still and vertically on a flat board, and loaded with the specified load.

2.7 Original Tread Depth (OTD)

"Original Tread Depth" is the tread depth of a new tire measured at the point of tread-indicator where available or one-fourth the width of the tire crown section from the crown center, including 24-hour inflation growth.



3. Classification

3.1 Uses and Characteristics of Off-The-Road Tires

The characteristics that Off-The-Road tires must possess differ according to their function and the type of vehicles they are mounted on.

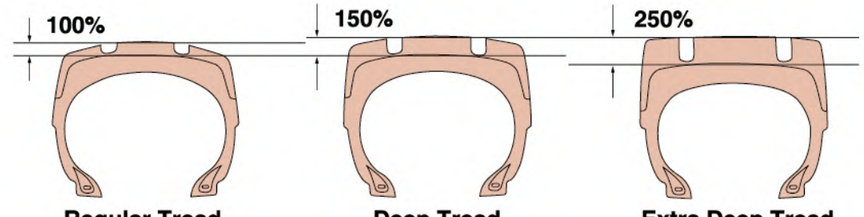
Type/Service	Function	Vehicles	Main tire characteristics required
Earthmover	Transporting	 Rigid dump trucks  Articulated dump trucks  Coal haulers  Scrapers  Off road trucks	Heat-resistance, Cut-resistance, Wear-resistance Shock burst-resistance
Grader	Grading, Leveling	 Graders	Traction, Maneuverability, (directional stability)
Loader and dozer	Loading and dozing	 Loaders, Bulldozers	Cut-resistance, Wear-resistance Stability
Compactor	Compacting	 Tire-rollers	Oil-resistance, Cut-resistance, Wear-resistance
Logging	Log-skidding	 Log-skidders	Traction, Flotation, Cut-resistance
Mobile crane (High-speed)	High-speed Travelling	 All-Terrain Cranes	Heat-resistance, Wear-resistance, Traction
Industrial	Handling & Towing	 Handling & Towing Equipments	Uneven wear, Wear-resistance, Stability
Underground	Underground	 LHDs  Drilling Jumbo  Underground Trucks	Cut-resistance, Wear-resistance

3.2 TRA Classification and Corresponding HILO Off-The-Road Tires

Off-The-Road tires are classified by the TRA as follows, and the names of the tread patterns of the corresponding HILO Off-The-Road tires are described below.

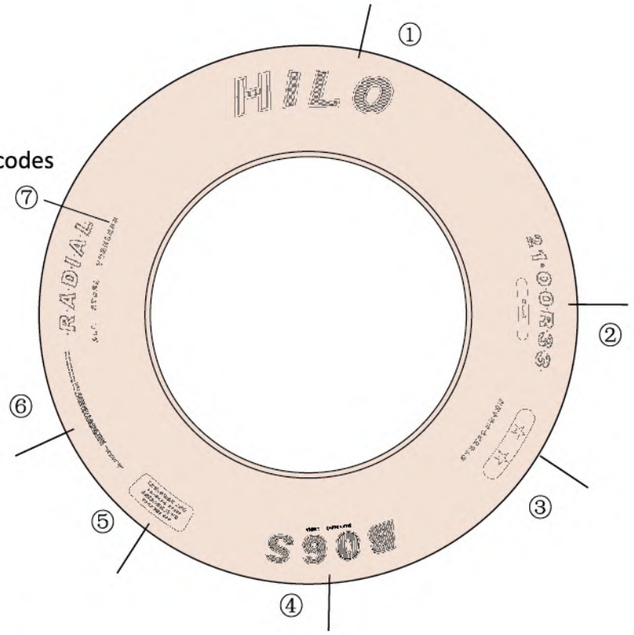
TRA Classification	Tread Type	HILO Tread Pattern
E-2	Traction Regular	B05N.BGZN.BWYN.DCRANE
E-3	Rock Regular	B02N.LGDN.LOFN.AN609.LOFN16.BYHN.B04N. B02NE.B02NF.B02NG.B02NT.HL808PRO. AN609PRO
E-4	Rock Deep Regular	BDTS.BDTS2.B03S.B04S.B04S2.B06S.BDRS. LOFN2.LOFN26.LGXN2.AN6092.AN6092.AN6096. LOFN2PRO.BDTS2PRO.HLG01.HLG03.HLG04. HLG05.HLG06.HLG08.BHLS.
IND-4	Deep Tread	B07S.M08S
L-2/E-2	Traction Regular	B01N.BWYN.BWYNL.SNOWMASTER
L-2/G-2	Traction Regular	BLGN
L-3	Rock Regular	B01NL.B02N
L-3/E-3	Rock Regular	B01N.B02N.B02S.BXDN
L-4	Rock Deep Tread	MWS
L-4/E-4	Rock Deep Tread	LCHS
L-5	Rock Extra Deep Tread	LCHS+.MWS+
L-5S	Smooth Extra Deep Tread	SMS+

Design Tread-Depth



4. Tire Markings (OTR)

①Brand Name
②Brand specifications and category codes
③Brand star rating
④Brand pattern
⑤Recipe code
⑥Safety warning sign
⑦Inner tube and no tube signs



4.1 Type of Tire Size Designation

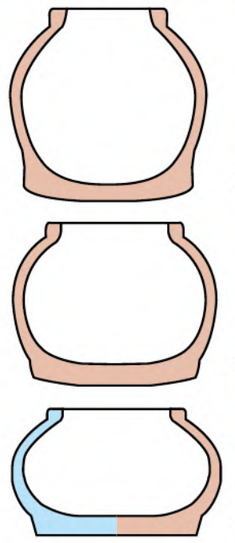
Regular 27.00 R 49 ☆ ☆
- Star Rating
- Rim Diameter (inches)
- Radial Structure
- Section Width (inches)

Wide Base 33.25 R 35 ☆ ☆
- Star Rating
- Rim Diameter (inches)
- Radial Structure
- Section Width (inches)

Super Wide Base 40 / 65 - 39 30PR
- Ply Rating
- Rim Diameter (inches)
- Aspect Ratio 65 Series
- Section Width (inches)

170 E 385 / 95 R 24
- Rim Diameter (inches)
- Radial Structure
- Aspect Ratio 95 Series
- Section Width (mm)
- Speed Symbol
- Load Index

***Tire Aspect Ratio**



$\frac{SH}{SW}$ = 0.95*

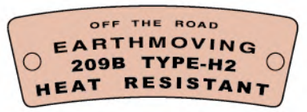
$\frac{SH}{SW}$ = 0.80*

$\frac{SH}{SW}$ = 0.65*

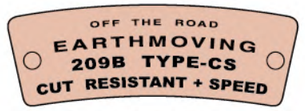
SH, SW : See Page 5

4.2 Type of Tire Structures Classified by Service and Designated by HILO

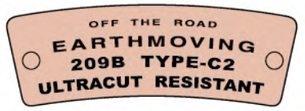
Each HILO tire has a HILO code number on the tire sidewall according to its specifications.



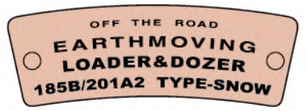
Heat-resistant formula



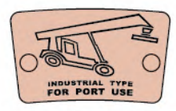
Common formula



Cut-resistant formula



Snow tyre formula



Harbor formulation

4.3 Load Index

The LOAD INDEX is an international numerical code for the maximum load a tire can carry at the speed indicated byits speed symbol under service conditions specified by HILO.

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
0	45	50	190	100	800	150	3 350	200	14 000	250	60 000
1	46.2	51	195	101	825	151	3 450	201	14 500	251	61 500
2	47.5	52	200	102	850	152	3 550	202	15 000	252	63 000
3	48.7	53	206	103	875	153	3 650	203	15 500	253	65 000
4	50	54	212	104	900	154	3 750	204	16 000	254	67 000
5	51.5	55	218	105	925	155	3 875	205	16 500	255	69 000
6	53	56	224	106	950	156	4 000	206	17 000	256	71 000
7	54.5	57	230	107	975	157	4 125	207	17 500	257	73 000
8	56	58	236	108	1 000	158	4 250	208	18 000	258	75 000
9	58	59	243	109	1 030	159	4 375	209	18 500	259	77 500
10	60	60	250	110	1 060	160	4 500	210	19 000	260	80 000
11	61.5	61	257	111	1 090	161	4 625	211	19 500	261	82 500
12	63	62	265	112	1 120	162	4 750	212	20 000	262	85 000
13	65	63	272	113	1 150	163	4 875	213	20 600	263	87 500
14	67	64	280	114	1 180	164	5 000	214	21 200	264	90 000
15	69	65	290	115	1 215	165	5 150	215	21 800	265	92 500
16	71	66	300	116	1 250	166	5 300	216	22 400	266	95 000
17	73	67	307	117	1 285	167	5 450	217	23 000	267	97 500
18	75	68	315	118	1 320	168	5 600	218	23 600	268	100 000
19	77.5	69	325	119	1 360	169	5 800	219	24 300	269	103 000
20	80	70	335	120	1 400	170	6 000	220	25 000	270	106 000
21	82.5	71	345	121	1 450	171	6 150	221	25 750	271	109 000
22	85	72	355	122	1 500	172	6 300	222	26 500	272	112 000
23	87.5	73	365	123	1 550	173	6 500	223	27 250	273	115 000
24	90	74	375	124	1 600	174	6 700	224	28 000	274	118 000
25	92.5	75	387	125	1 650	175	6 900	225	29 000	275	121 000
26	95	76	400	126	1 700	176	7 100	226	30 000	276	125 000
27	97	77	412	127	1 750	177	7 300	227	30 750	277	128 000
28	100	78	425	128	1 800	178	7 500	228	31 500	278	132 500
29	103	79	437	129	1 850	179	7 750	229	32 500	279	136 000
30	106	80	450	130	1 900	180	8 000	230	33 500		
31	109	81	462	131	1 950	181	8 250	231	34 500		
32	112	82	475	132	2 000	182	8 500	232	35 500		
33	115	83	487	133	2 060	183	8 750	233	36 500		
34	118	84	500	134	2 120	184	9 000	234	37 500		
35	121	85	515	135	2 180	185	9 250	235	38 750		
36	125	86	530	136	2 240	186	9 500	236	40 000		
37	128	87	545	137	2 300	187	9 750	237	41 250		
38	132	88	560	138	2 360	188	10 000	238	42 500		
39	136	89	580	139	2 430	189	10 300	239	43 750		
40	140	90	600	140	2 500	190	10 600	240	45 000		
41	145	91	615	141	2 575	191	10 900	241	46 250		
42	150	92	630	142	2 650	192	11 200	242	47 500		
43	155	93	650	143	2 725	193	11 500	243	48 750		
44	160	94	670	144	2 800	194	11 800	244	50 000		
45	165	95	690	145	2 900	195	12 150	245	51 500		
46	170	96	710	146	3 000	196	12 500	246	53 000		
47	175	97	730	147	3 075	197	12 850	247	54 500		
48	180	98	750	148	3 150	198	13 200	248	56 000		
49	185	99	775	149	3 250	199	13 600	249	58 000		

4.4 Speed Symbol

The SPEED SYMBOL indicates the speed at which the tire can carry a load corresponding to its load index under service conditions specified by HILO.

Speed Symbol	Speed (km/h)
A1	5
A2	10
A3	15
A4	20
A5	25
A6	30
A7	35
A8	40

Speed Symbol	Speed (km/h)
B	50
C	60
D	65
E	70
F	80
G	90

4.5 Conversion Table: Star Rating to Ply Rating

Service	Tire Size	Star Rating	Corresponding Ply Rating
Earthmover	12.00R24	★3	up to 24
	13.00R25	★3	up to 28
	14.00R24	★3	up to 32
	14.00R25	★3	up to 32
	16.00R25	★2	up to 36
	18.00R25	★1	up to 24
	18.00R25	★2	up to 36
	18.00R33	★2	up to 40
	21.00R33	★2	up to 36
	21.00R35	★2	up to 44
	24.00R35	★2	up to 48
	27.00R49	★2	up to 54
	30.00R51	★2	up to 58
	33.00R51	★2	up to 64
	36.00R51	★2	up to 66
	40.00R57	★2	up to 74
	15.5R25	★2	up to 20
	17.5R25	★1	up to 16
	20.5R25	★1	up to 24
	20.5R25	★2	up to 28
	23.5R25	★1	up to 24
	23.5R25	★2	up to 32
	26.5R25	★2	up to 32
	29.5R25	★2	up to 34
	29.5R29	★2	up to 40
	33.25R29	★2	up to 44
	33.25R35	★2	up to 44
	37.25R35	★2	up to 48
	37.5R39	★2	up to 52
	40.5/75R39	★2	up to 54

Service	Tire Size	Star Rating	Corresponding Ply Rating
Grader	13.00R24	★1	up to 16
	14.00R24	★1	up to 16
	14.00R24	★2	up to 18
	16.00R24	★1	up to 16
	16.00R24	★2	up to 18
	17.5R25	★1	up to 16
Loader	15.5R25	★1	up to 16
	17.5R25	★1	up to 16
	20.5R25	★1	up to 24
	20.5R25	★2	up to 28
	23.5R25	★1	up to 24
	23.5R25	★2	up to 32
	26.5R25	★1	up to 24
	26.5R25	★2	up to 36
	29.5R25	★1	up to 28
	29.5R25	★2	up to 34
	29.5R29	★1	up to 34
	35/65R33	★1	up to 36
	35/65R33	★2	up to 48
	45/65R45	★1	up to 50
	50/65R51	★2	up to 54
PORT	12.00R20	★2	up to 20
	12.00R24	★2	up to 20
	14.00R24	★3	up to 28
	16.00R25	★2	up to 36
	16.00R25	★3	up to 36
	18.00R25	★3	up to 40
	18.00R33	★3	up to 40

5. Ton-Kilometer-Per-Hour (TKPH)

5.1 Operating TKPH

Earth-moving, mining and logging tires have become increasingly important with the development of large construction vehicles. The primary task of these heavy-duty tires is to haul heavy loads faster, over longer distances. This heavy hauling inevitably causes heat built-up in the tires. As tires have limited resistance to heat, deterioration of the tire may occur at an early stage of operation if used beyond the rated TKPH.
Accordingly, it is necessary when selecting tires, to determine the amount of work which will keep the tire within a safe range to avoid over-heating when the vehicle is operated under given conditions. The amount of work done under the given conditions and within a safe range is shown as "Operating Ton-Kilometer-Per-Hour (Operating TKPH)" which can be determined by the following formula:

Formula for Calculation of Operating TKPH

$$\text{Operating TKPH} = \left(\frac{\text{Mean Tire-Load (MTL)}}{2}\right) \times \left(\text{Average Work Shift Speed (AWSS)}\right)$$

$$\text{MTL [metric tons]} = \frac{\text{Tire Load (Empty)} + \text{Tire Load (Loaded)}}{2}$$

$$\text{AWSS [km/hour]} = \frac{\text{Round Trip Distance[km]} \times \text{Number of Cycles per Shift}}{\text{Total Hours of Operation per Shift}}$$

*Calculation formula of "Operating TKPH" may be different between tire manufacturers

CALCULATION OF REAL SITE TKPH

To obtain the real site TKPH, two more factors must be taken into account:

1. The cycle length exceeding 5 km
2. Ambient temperature

For cycles exceeding 5 kilometres, the applied value of the K1 coefficient is the following:

CYCLE in kms	8	K1 =	1.09

kms	K1	kms	K1	kms	K1	kms	K1	kms	K1
5	1	15	1.16	25	1.2	35	1.22	45	1.23
6	1.04	16	1.17	26	1.2	36	1.22	46	1.23
7	1.06	17	1.17	27	1.21	37	1.22	47	1.23
8	1.09	18	1.18	28	1.21	38	1.22	48	1.23
9	1.1	19	1.18	29	1.21	39	1.22	49	1.23
10	1.12	20	1.19	30	1.21	40	1.22	50	1.23
11	1.13	21	1.19	31	1.21	41	1.23		
12	1.14	22	1.19	32	1.21	42	1.23		
13	1.15	23	1.2	33	1.22	43	1.23		
14	1.16	24	1.2	34	1.22	44	1.23		

Ambient Temperature (TA)

The standard ambient temperature is 38°C (100°F). For a given speed, a site temperature higher than 38°C increases the real TKPH.
Conversely, a temperature lower than 38°C decreases the real TKPH of the site.
The K2 coeffiecient is calculated as follows:

K2 =	Vm + (0.25 x (TA - TR))/Vm
Vm =	Workday Average Speed
TR =	Reference Temperature (38°C or 100°F)

The ambient temperature of the site (TA) to be taken into account is the "average temperature in the shade" during the hottest period.

For temperatures (TA) lower than or equal to 15°C, use the K2 coefficients shown in the 15°C.

AMBIENT TEMPERATURE in °C	40
K2 =	1.0333

Koeffizient K2														
	Ambient temperature													
Vm	<15°C	15°C	17.5°C	20°C	22.5°C	25°C	27.5°C	30°C	32.5°C	35°C	37.5°C	40°C	42.5°C	45°C
km/(mls)	<59°F	59°F	63.5°F	68°F	72.5°F	77 °F	81.5°F	86°F	90.5°F	95°F	99.5°F	104°F	108.5°F	113°F
10(6)	0.400	0.425	0.488	0.550	0.613	0.675	0.738	0.800	0.863	0.925	0.988	1.050	1.113	1.175
12(7)	0.500	0.521	0.573	0.625	0.677	0.729	0.781	0.833	0.885	0.938	0.990	1.042	1.094	1.148
14(9)	0.571	0.589	0.634	0.679	0.723	0.766	0.813	0.857	0.902	0.946	0.991	1.036	1.080	1.125
16(10)	0.625	0.641	0.680	0.719	0.758	0.797	0.836	0.875	0.914	0.953	0.992	1.031	1.070	1.109
18(11)	0.666	0.681	0.715	0.750	0.785	0.819	0.854	0.889	0.924	0.958	0.993	1.028	1.063	1.097
20(12.5)	0.700	0.713	0.744	0.775	0.806	0.838	0.869	0.900	0.931	0.963	0.994	1.025	1.056	1.088
22(14)	0.727	0.739	0.767	0.795	0.824	0.852	0.881	0.909	0.938	0.966	0.994	1.023	1.051	1.080
24(15)	0.750	0.760	0.786	0.813	0.839	0.865	0.891	0.917	0.943	0.969	0.995	1.021	1.047	1.073
26(16)	0.769	0.779	0.803	0.827	0.851	0.875	0.899	0.923	0.947	0.971	0.995	1.019	1.043	1.067
28(17)	0.785	0.795	0.817	0.839	0.862	0.884	0.906	0.929	0.951	0.973	0.996	1.018	1.040	1.063
30(19)	0.800	0.808	0.829	0.850	0.871	0.892	0.913	0.933	0.954	0.975	0.996	1.017	1.038	1.058
32(20)	0.812	0.820	0.840	0.859	0.879	0.898	0.918	0.938	0.957	0.977	0.996	1.016	1.035	1.055
34(21)	0.823	0.831	0.849	0.868	0.886	0.904	0.923	0.941	0.960	0.978	0.996	1.015	1.033	1.051
36(22)	0.833	0.840	0.858	0.875	0.892	0.910	0.927	0.944	0.962	0.979	0.997	1.014	1.031	1.049
38(24)	0.842	0.849	0.865	0.882	0.898	0.914	0.931	0.947	0.964	0.980	0.997	1.013	1.030	1.046
40(25)	0.850	0.856	0.872	0.888	0.903	0.919	0.934	0.950	0.966	0.981	0.997	1.013	1.028	1.044
42(26)	0.857	0.863	0.878	0.893	0.908	0.923	0.938	0.952	0.967	0.982	0.997	1.012	1.027	1.042
44(27)	0.864	0.869	0.884	0.898	0.912	0.926	0.940	0.955	0.969	0.983	0.997	1.011	1.026	1.040
46(28)	0.869	0.875	0.889	0.902	0.916	0.929	0.943	0.957	0.970	0.984	0.997	1.011	1.024	1.038
48(29)	0.875	0.880	0.893	0.906	0.919	0.932	0.945	0.958	0.971	0.984	0.997	1.010	1.023	1.036
50(31)	0.880	0.885	0.898	0.910	0.923	0.935	0.948	0.960	0.973	0.985	0.998	1.010	1.023	1.035
Vm = number of km (miles) covered per hour.														

THE REAL SITE TKPH =Basic TKPH x K1 x K2

The average operating TKPH, calculated after several samples, should not exceed the tire TKPH rating. Exceeding the tire TKPH may result in serious tire damage or failure.

MINING TRUCKS TIRE
Series

1. Tread Designs

B02NF

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

B02NG

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

BGFN

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

B02S

PATTERN CHARACTERISTIC

- Deepen big block pattern design provides;
- Wider driving surface;
- Excellent wear-resistance and puncture resistance;
- Stronger load capacity;
- Adapt to severe road condition;
- Suitable for mining truck.

B02NE

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

B02NT

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

B03S

PATTERN CHARACTERISTIC

- Deepen big block pattern design provides;
- Wider driving surface;
- Excellent wear-resistance and puncture resistance;
- Stronger load capacity;
- Adapt to severe road condition;
- Suitable for mining truck.

B04N

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

B04S

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

B06S

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

LOFN 13.00R25

PATTERN CHARACTERISTIC

- Have to offer decorative pattern design;
- Stronger driving force,
- To open the shoulder;
- Four pieces of decorative pattern design;
- Better heat dissipation.

LOFN

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

BDTS2

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

B01N

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

LOFN16

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

HL808

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

AN609 16.00R25

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

AN609 14.00R25

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

LOFN2

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

AN6092

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

AN609PRO

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

LGXN2

PATTERN CHARACTERISTIC

- Deepen big block pattern design provides;
- Wider driving surface;
- Excellent wear-resistance and puncture resistance;
- Stronger load capacity;
- Adapt to severe road condition;
- Suitable for mining truck.

AN6096

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

LOFN26

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

BYHN

PATTERN CHARACTERISTIC

- Moderate pattern saturation design;
- Pattern pitch;
- More conducive to heat dissipation;
- Wide driving surface;
- Tires more wear-resistant;
- Strong load capacity;
- Suitable for mining truck.

LGDN

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mining truck.

969

PATTERN CHARACTERISTIC

- Suited for sand working condition,
- Excellent flotation performance,
- Anti-hot and cut-resistance.

KT666

PATTERN CHARACTERISTIC

- Each pattern block is relatively thick and connected by reinforcing ribs, giving the tire good toughness.
- The herringbone pattern has strong off-road performance.
- Low air pressure and wide driving surface design provide a smaller ground pressure ratio, making it easier for tires to pass through.
- The brand new sidewall contour and anti scratch line design can protect the sidewall from impact and scratches.
- The middle pattern blocks are connected to each other through reinforcing ribs to ensure the stability and high-speed performance of the tire.

KT667

PATTERN CHARACTERISTIC

- Each pattern block is relatively thick and connected by reinforcing ribs, giving the tire good toughness.
- The herringbone pattern has strong off-road performance.
  Low air pressure and wide driving surface
- design provide a smaller ground pressure ratio, making it easier for tires to pass through.
- The brand new sidewall contour and anti scratch line design can protect the sidewall from impact and scratches.
- The middle pattern blocks are connected to each other through reinforcing ribs to ensure the stability and high-speed performance of the tire.

2. Technical Data

Pattern	Tire Size	Star Rating	Load Index	TRA Code	Tread Depth (mm)	Type	Standard Rim (RIM WIDTH & FLANGE)	Diameter	Section Width	Max Load (kg)	Stander Pressure (bar)	Max speed (km/h)
B02NF	16.00R25	★★★	180	E-3	23	TT/TL	11.25/2.0	1532	448	8000	8.0	50
B02NG	16.00R25	★★★	180	E-3	25.5	TT/TL	11.25/2.0	1532	448	8000	8.0	50
B02NE	16.00R25	★★★	180	E-3	28	TT/TL	11.25/2.0	1532	448	8000	8.0	50
	18.00R25	★★★	189	E-3	28	TT/TL	13.00/2.5	1628	504	10300	8.0	50
B02NT	16.00R25	★★★	180	E-3	34	TT/TL	11.25/2.0	1532	448	8000	8.0	50
	18.00R25	★★★	189	E-3	34	TT/TL	13.00/2.5	1628	504	10300	8.0	50
	480/95R29	★★★	190	E-3	34	TT/TL	13.00/2.5	1635	490	10600	8.0	50
BGFN	16.00R25	★★★	180	E-3	46	TT/TL	11.25/2.0	1532	448	8000	8.0	50
B02S	16.00R25	★★★	180	E-4	44	TT/TL	11.25/2.0	1528	448	8000	8.0	50
B03S	18.00R25	★★★	189	E-4	47	TL	13.00/2.5	1673	498	10300	8.0	50
B04N	505/95R29	★★★	191	E-3	32	TT/TL	13.00/2.5	1690	504	10900	8.0	50
B04S	14.00R25	★★★	169	E-4	38	TT/TL	10.00/2.0	1408	370	5800	7.0	50
	16.00R25	★★★	180	E-4	44	TT/TL	11.25/2.0	1528	448	8000	8.0	50
	480/95R29	★★★	190	E-4	44	TT/TL	13.00/2.5	1650	490	10600	8.0	50
B06S	18.00R25	★★★	189	E-4	47	TL	13.00/2.5	1673	498	10300	8.0	50
BDTS2	16.00R25	★★★	180	E-4	46	TT/TL	11.25/2.0	1532	448	8000	8.0	50
B01N	505/95R29	★★★	191	E-3	28	TT/TL	13.00/2.5	1682	504	10900	8.0	50
LOFN	13.00R25	★★★	163	E-3	28	TT/TL	8.5	1300	350	4875	7.0	50
LOFN	14.00R24	★★★	169	E-3	28	TT	10.0/1.7	1355	370	5800	7.0	50
	14.00R25	★★★	169	E-3	28	TT/TL	10.00/2.0	1355	370	5800	7.0	50
LOFN16	14.00R25	★★★	169	E-3	28	TT	10.00/2.0	1365	370	5800	7.0	50
HL808PRO	14.00R25	★★★	169	E-3	26	TT	10.00/2.0	1362	370	5800	7.0	50
AN609	13.00R25	★★★	163	E-3	26	TT	8.5	1300	340	4875	7.0	50
AN609	14.00R25	★★★	169	E-3	28	TT	10.00/2.0	1365	370	5800	7.0	50
AN609	16.00R25	★★★	180	E-3	28	TT/TL	11.25/2.0	1520	448	8000	8.0	50
AN609PRO	16.00R25	★★★	180	E-3	34	TT/TL	11.25/2.0	1532	448	8000	8.0	50
LGXN2	14.00R25	★★★	169	E-4	34	TT	10.00/2.0	1370	370	5800	7.0	50
	14.00R25	★★★★	169	E-4	34	TT	10.00/2.0	1370	370	5800	7.0	50
LOFN2	14.00R25	★★★	169	E-4	34	TT	10.00/2.0	1370	370	5800	7.0	50
	14.00R25	★★★★	169	E-4	34	TT	10.00/2.0	1370	370	5800	7.0	50
LOFN2PRO	14.00R25	★★★	169	E-4	34	TT	10.00/2.0	1370	370	5800	7.0	50
	14.00R25	★★★★	169	E-4	34	TT	10.00/2.0	1370	370	5800	7.0	50
AN6092	13.00R25	★★★	163	E-4	31	TT	8.5	1300	340	4875	7.0	50
	14.00R25	★★★	169	E-4	40	TT	10.00/2.0	1390	370	5800	7.0	50
	14.00R25	★★★★	169	E-4	40	TT	10.00/2.0	1390	370	5800	7.0	50
AN6096	14.00R25	★★★	169	E-4	40	TT/TL	10.00/2.0	1400	370	5800	7.0	50
LOFN26	14.00R25	★★★	169	E-4	40	TT	10.00/2.0	1390	370	5800	7.0	50
	14.00R2S	★★★★	169	E-4	40	TT	10.00/2.0	1390	370	5800	7.0	50
BYHN	14.00R25	★★★	169	E-3	24.5	TT/TL	10.00/2.0	1360	370	5800	7.0	50
	16.00R25	★★★	180	E-3	28	TT/TL	11.25/2.0	1520	448	8000	8.0	50
	480/95R29	★★★	190	E-3	28	TT/TL	13.00/2.5	1623	490	10600	8.0	50
LGDN	12.00R24	24PR	161	E-3	30	TT	8.5	1225	315	4625	8.5	50
969	14.00R20	20PR	164	E-3	17	TT	10.00	1240	375	5000	7.9	80
KT666	425/85R21	18PR	156	E-3	25	TT/TL	12.00	1260	425	4000	5.5	90
		20PR	160	E-3	25	TT/TL	12.00	1260	425	4500	5.5	100
		22PR	167	E-3	25	TT/TL	12.00	1260	425	5450	6.5	60
		24PR	173	E-3	25	TT/TL	12.00	1260	425	6500	8.2	60
KT667	425/85R21	18PR	156	E-3	25	TT/TL	12.00	1260	425	4000	5.5	90
		20PR	160	E-3	25	TT/TL	12.00	1260	425	4500	5.5	100
		22PR	167	E-3	25	TT/TL	12.00	1260	425	5450	6.5	60
		24PR	173	E-3	25	TT/TL	12.00	1260	425	6500	8.2	60

RIGID DUMPER TRUCKS TIRE Series

1. Tread Designs

B03S

PATTERN CHARACTERISTIC

- Deepen big block pattern design provides;
- Wider driving surface;
- Excellent wear-resistance and puncture resistance;
- Stronger load capacity;
- Adapt to severe road condition;
- Suitable for mine card.

B04S

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mine card.

B04S2

PATTERN CHARACTERISTIC

- Shoulder open pattern groove design, be helpful for drainage, stone, enhance the self-cleaning properties of the tire;
- Block pattern design, to provide good traction;
- Cooling groove enhanced heat dissipation function, suitable for long distance transportation;
- Increase the stiffener between decorative pattern, make pattern piece more solid.

B06S

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mine card.

HLG01

PATTERN CHARACTERISTIC

- Have to offer sex decorative pattern design;
- Stronger driving force,
- To open the shoulder;
- Four pieces of decorative pattern design;
- Better heat dissipation sex.

HLG03

PATTERN CHARACTERISTIC

- Shoulder open pattern groove design, be helpful for drainage, stone, enhance the self-cleaning properties of the tire.
- Block pattern design, to provide good traction.
- Cooling groove enhanced heat dissipation function, suitable for long distance transportation.
- Increase the stiffener between decorative pattern,make pattern piece more solid.

HLG06

PATTERN CHARACTERISTIC

- Rock-deep tread with tough lug and sidewall
- protectors.Specially designed for large dump trucks engaged
- in earthmoving.High resistance to cutting ang chipping for long tread life.

HLG08

PATTERN CHARACTERISTIC

- The tire's crown tread pattern adopts a design with fine deep grooves;
- The tire shoulder tread features heat dissipation grooves and air guide grooves, providing excellent heat dissipation performance.
- Maximize Life with Minimal Heat Build up.
- Stable and Long Lasting.

HLG04

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mine card.

HLG05

PATTERN CHARACTERISTIC

- Rock-deep tread with tough lug and sidewall protectors.
- Specially designed for large dump trucks engaged
- in earthmoving.
- High resistance to cutting ang chipping for long tread life.

BDRS

PATTERN CHARACTERISTIC

- Big block pattern with higher saturation;
- Wider driving surface;
- Better wear-resistance;
- Stronger load capacity;
- Appicable for mine card.

BHLS

PATTERN CHARACTERISTIC

- Bolck pattern design to provide good traction;
- Cooling groove enhanced heat dissipation function,suitable for long distance trasportation;
- High saturation pattern design, improve tire wear resistance.

2. Technical Data

Pattern	Tire Size	Star Rating	Load Index	TRA Code	Tread Depth (mm)	Type	Standard Rim (RIM WIDTH & FLANGE)	Diameter	Section Width	Max Load (kg)	Stander Pressure (bar)	Max speed (km/h)
B03S	14.00R24	★★★	169	E-4	38	TT	10.0	1418	383	5800	7.0	50
	14.00R25	★★★	169	E-4	38	TL	10.00/1.5	1418	383	5800	7.0	50
	18.00R25	★★	185	E-4	47	TL	13.00/2.5	1673	498	9250	7.0	50
B04S	18.00R33	★★	191	E-4	54	TL	13.00/2.5	1877	498	10900	7.0	50
	21.00R35	★★	201	E-4	61	TL	15.00/3.0	2068	572	14500	7.0	50
	24.00R35	★★	209	E-4	68	TL	17.00/3.5	2175	670	18500	7.0	50
B04S2	18.00R33	★★	191	E-4	49	TL	13.00/2.5	1877	498	10900	7.0	50
	21.00R35	★★	201	E-4	52	TL	15.00/3.0	2052	572	14500	7.0	50
	24.00R35	★★	209	E-4	58	TL	17.00/3.5	2175	670	18500	7.0	50
B06S	18.00R25	★★	185	E-4	47	TL	13.00/2.5	1673	498	9250	7.0	50
	18.00R33	★★	191	E-4	49	TL	13.00/2.5	1877	498	10900	7.0	50
	21.00R33	★★	200	E-4	54	TL	15.00/3.0	2001	570	14000	7.0	50
HLG01	33.00R51	★★	235	E-4	80	TL	24.00/5.0	3061	894	38750	7.0	50
	36.00R51	★★	241	E-4	88	TL	26.00/5.0	3233	988	46250	7.0	50
HLG03	27.00R49	★★	223	E-4	61	TL	19.50/4.0	2702	737	27250	7.0	50
	40.00R57	★★	250	E-4	80	TL	29.00/6.0	3520	1095	60000	7.0	50
HLG04	46/90R57	★★	252	E-4	97	TL	29.00/6.0 32.00/6.0	3560	1180	6300	7.0	50
HLG05	30.00R51	★★	230	E-4	64	TL	22.00/4.5	2904	823	33500	7.0	50
HLG06	30.00R51	★★	230	E-4	64	TL	22.00/4.5	2904	823	33500	7.0	50
	33.00R51	★★	235	E-4	70	TL	24.00/5.0	3061	894	38750	7.0	50
	36.00R51	★★	241	E-4	78	TL	26.00/5.0	3233	988	46250	7.0	50
B04S	27.00R49	★★	223	E-4	76	TL	19.50/4.0	2690	734	27250	7.0	50
	33.00R51	★★	235	E-4	94	TL	24.00/5.0	3060	920	38750	7.0	50
BDRS	18.00R33	★★	191	E-4	54	TL	13.00/2.5	1877	498	10900	7.0	50
	21.00R35	★★	201	E-4	54	TL	15.00/3.0	2052	572	14500	7.0	50
	24.00R35	★★	209	E-4	58	TL	17.00/3.5	2160	670	18500	7.0	50
BHLS	24.00R35	★★	209	E-4	76	TL	17.00/3.5	2190	670	18500	7.0	50
HLG08	27.00R49	★★	223	E-4	83	TL	19.50/4.0	2074	734	27250	7.0	50
	40.00R57	★★	250	E-4	100	TL	29.00/6.0	3560	109	60000	7.0	50
	46/90R57	★★	252	E-4	97	TL	29.00/6.0 32.00/6.0	3560	1180	63000	7.0	50

1. Tread Designs

B01N

PATTERN CHARACTERISTIC

- Excellent tyaction and stability.
- Deliver exceptional operator comfort.
- Designed for loaders,earthmovers and the equipment used in construction stockpile and truck-loading applications.

B01NL

PATTERN CHARACTERISTIC

- Excellent tyaction and stability.
- Deliver exceptional operator comfort.
- Designed for loaders,earthmovers and the equipment used in construction stockpile and truck-loading applications.

BXDN

PATTERN CHARACTERISTIC

- Special tread depth;
- Good traction in wet and muddy road;
- Special tread design guaranteed the integral beauty;
- Suitable for earthmovers and loaders.

BLGN

PATTERN CHARACTERISTIC

- With wide and stabile tread.
- Exellent traction and adhesion.
- Designed to deliver exceptional operator comfort and for Loader machine peacefully.

B02N

PATTERN CHARACTERISTIC

- With wide and stabile tread.
- Exellent traction and adhesion.
- Designed to deliver exceptional operator comfort and for articulated trucks.

B02S

PATTERN CHARACTERISTIC

- With wide and stabile tread.
- Exellent traction and adhesion.
- Designed to deliver exceptional operator comfort and for articulated trucks.

MWS

PATTERN CHARACTERISTIC

- Special cut resistance;
- Long tread life;
- Enhanced stability and riding comfort;
- Good traction for rough road;
- Suitable for stone pit, industry zone and underground mine.

MWS+

PATTERN CHARACTERISTIC

- Special cut resistance;
- Long tread life;
- Enhanced stability and riding comfort;
- Good traction for rough road;
- Suitable for stone pit, industry zone and underground mine.

LCHS

PATTERN CHARACTERISTIC

- Good traction and protection;
- Stable, comfortable ride;
- Special abrasion resistance with long-lasting tread life;
- Suitable for many conditions such as stone pit industry zone and underground mine.

LCHS+

PATTERN CHARACTERISTIC

- Good traction and protection;
- Stable, comfortable ride;
- Special abrasion resistance with long-lasting tread life;
- Suitable for many conditions such as stone pit industry zone and underground mine.

SMS+/SM6S+

PATTERN CHARACTERISTIC

- Smooth tread pattern;
- Special cut resistance and loading capabilities;
- Reliable in the most extreme harsh conditions;
- Suitable for stone pit, industry zone and underground mine.

2. Technical Data

Pattern	Tire Size	Star Rating	Load Index	TRA Code	Tread Depth (mm)	Type	Standard Rim (RIM WIDTH & FLANGE)	Diameter	Section Width	Max Load (kg)	Stander Pressure (bar)	Max speed (km/h)
B01N	15.5R25	★★	176/160	L-2/E-2	25	TL	12.00/1.3	1277	394	7100/4500	6.5/5.25	10/50
	17.5R25	★★	182/167	L-3/E-3	28	TL	14.00/1.5	1348	445	8500/5450	6.5/5.25	10/50
	20.5R25	★★★	205	L-3	31	TL	17.00/2.0	1490	521	16500	8.0	10
	20.5R25	★★	193/177	L-3/E-3	31	TL	17.00/2.0	1490	521	11500/7300	6.5/5.25	10/50
	23.5R25	★★	201/185	L-3/E-3	34	TL	19.50/2.5	1617	597	14500/9250	6.5/5.25	10/50
	26.5R25	★★	209/193	L-3/E-3	37	TL	22.00/3.0	1750	673	18500/11500	6.5/5.25	10/50
B01NL	17.5R25	★★	182	L-3	28	TL	14.00/1.5	1348	445	8500	6.5	10
	20.5R25	★★	193	L-3	31	TL	17.00/2.0	1490	521	11500	6.5	10
	23.5R25	★★	201	L-3	34	TL	19.50/2.5	1617	597	14500	6.5	10
	26.5R25	★★	209	L-3	37	TL	22.00/3.0	1750	673	18500	6.5	10
B02N	23.5R25	★★	201	L-3	32	TT	19.50/2.5	1617	597	14500	6.5	10
	23.5R25	★★	201/185	L-3/E-3	34	TL	19.50/2.5	1617	597	14500/9250	6.5/5.25	10/50
	26.5R25	★★	209/193	L-3/E-3	37	TL	22.00/3.0	1750	673	18500/11500	6.5/5.25	10/50
	29.5R25	★★	216/200	L-3/E-3	43.5	TL	25.00/3.5	1873	750	22400/14000	6.5/5.25	10/50
	29.5R29	★★	218/202	L-3/E-3	43.5	TL	25.00/3.5	1975	750	23600/15000	6.5/5.25	10/50
	23.5R25	★★★	206	L-3	34	TL	19.50/2.5	1617	597	17000	8.0	10
	26.5R25	★★★	214	L-3	37	TL	22.00/3.0	1750	673	21200	8.0	10
	29.5R25	★★★	221/204	L-3/E-3	43.5	TL	25.00/3.5	1873	750	25750/16000	8.0/8.0	10/50
	29.5R29	★★★	223/206	L-3/E-3	43.5	TL	25.00/3.5	1975	750	27250/17000	8.0/8.0	10/50
B02S	600/65R25	★★	187/178	L-3/E-3	35.5	TL	19.50/2.5	1415	610	9750/7500	4.75	10/50
	650/65R25	★★	193/180	L-3/E-3	38.5	TL	19.50/2.5	1475	640	11500/8000	4.75	10/50
	750/65R25	★★	202/190	L-3/E-3	44.5	TL	24.00/3.0	1590	735	15000/10600	4.75	10/50
	875/65R29	★★	214/203	L-3/E-3	52.5	TL	28.00/3.5	1845	900	21200/15500	4.75	10/50
	875/65R29	★★★	218/213	L-3/E-3	52.5	TL	28.00/3.5	1850	900	23600/20600	8.0/6.5	10/50
BXDN	17.5R25	★★	182/167	L-3/E-3	28	TL	14.00/1.5	1348	445	8500/5450	6.5/5.25	10/50
	20.5R25	★★	193/177	L-3/E-3	31	TL	17.00/2.0	1490	521	11500/7300	6.5/5.25	10/50
	23.5R25	★★	201/185	L-3/E-3	42.5	TL	19.50/2.5	1617	597	14500/9250	6.5/5.25	10/50
	26.5R25	★★	209/193	L-3/E-3	45	TL	22.00/3.0	1750	673	18500/11500	6.5/5.25	10/50
	29.5R25	★★	216/200	L-3/E-3	48	TL	25.00/3.5	1873	750	22400/14000	6.5/5.25	10/50
BLGN	13.00R24	★	146	G-2	26.5	TL	8.00/1.4	1280	335	3000	3.75	40
	14.00R24	★★	177/155	L-2/G-2	26.5	TL	8.00TG	1350	360	7300/3875	8.25/4.25	10/40
	16.00R24	★★	181/163	L-2/G-2	27	TL	10.00/1.7	1460	427	8250/4875	8.25/4.25	10/40
MWS	23.5R25	★★	201	L-4	51	TL	19.50/2.5	1673	597	14500	6.5	10
	26.5R25	★★	209	L-4	60	TL	22.00/3.0	1798	673	18500	6.5	10
	29.5R25	★★	216	L-4	66.5	TL	25.00/3.5	1921	750	22400	6.5	10
	35/65R33	★★	224	L-4	62.5	TL	28.00/3.5	2065	889	28000	6.5	10
MWS+	17.5R25	★★	182	L-5	68	TL	14.00/1.5	1399	445	8500	6.5	10
	17.5R25	★★★	193	L-5	68	TL	14.00/1.5	1399	445	11500	8.0	10
	20.5R25	★★	193	L-5	78	TL	17.00/2.0	1548	521	11500	6.5	10
	23.5R25	★★	201	L-5	87	TL	19.50/2.5	1673	597	14500	6.5	10
	26.5R25	★★	209	L-5	96	TL	22.00/3.0	1798	673	18500	6.5	10
	26.5R25	★★★	214	L-5	96	TL	22.00/3.0	1808	673	20600	8.0	10
	29.5R25	★★	216	L-5	104	TL	25.00/3.5	1921	750	22400	6.5	10
	29.5R29	★★	218	L-5	104	TL	25.00/3.5	2023	750	23600	6.5	10
	35/65R33	★★	224	L-5	97	TL	28.00/3.5	2065	889	28000	6.5	10
	35/65R33	★★	229	L-5	97	TL	28.00/3.5	2065	889	32500	8.0	10
	35/65R33	★★★★	225	L-5	97	TL	28.00/3.5	2065	889	29000	8.0	40
LCHS	23.5R25	★★	201/185	L-4/E-4	47	TL	19.50/2.5	1673	597	14500/9250	6.5/5.25	10/50
	26.5R25	★★	209/193	L-4/E-4	57	TL	22.00/3.0	1798	673	18500/11500	6.5/5.25	10/50
	29.5R29	★★	218/202	L-4/E-4	60	TL	25.00/3.5	2023	750	23600/15000	6.5/5.25	10/50
	35/65R33	★★	224/207	L-4/E-4	62.5	TL	28.00/3.5	2035	889	28000/17500	6.5/5.25	10/50
LCHS+	20.5R25	★★	193	L-5	72	TL	17.00/2.0	1548	521	11500	6.5	10
	23.5R25	★★	201	L-5	78	TL	19.50/2.5	1673	597	14500	6.5	10
	26.5R25	★★	209	L-5	87	TL	22.00/3.0	1798	673	18500	6.5	10
	29.5R25	★★	216	L-5	95	TL	25.00/3.5	1921	750	22400	6.5	10
	29.5R29	★★	218	L-5	95	TL	25.00/3.5	2023	750	23600	6.5	10
	35/65R33	★★	224	L-5	97	TL	28.00/3.5	2065	889	28000	6.5	10
SM6S+	12.00R24	★★	175	L-5S	55	TL	8.5	1255	315	6900	8.0	10
SMS+	12.00R24	★★	175	L-5S	55	TT/TL	8.5	1270	324	6900	8.0	10
	14.00R24	★★	186	L-5S	60	TL	10.00W	1398	389	9500	8.0	10
	17.5R25	★★	182	L-5S	65	TT/TL	14.00/1.5	1399	445	8500	6.5	10
	18.00R25	★★	204	L-5S	80	TT/TL	13.00/2.5	1655	515	16000	8.25	10
	20.5R25	★★	193	L-5S	72	TL	17.00/2.0	1548	521	11500	6.5	10
	20.5R25	★★★	200	L-5S	72	TL	17.00/2.0	1548	521	14000	8.0	10
	23.5R25	★★	201	L-5S	83	TL	19.50/2.5	1673	597	14500	6.5	10
	26.5R25	★★	209	L-5S	90	TL	22.00/3.0	1808	673	18500	6.5	10
	29.5R25	★★	216	L-5S	100	TL	25.00/3.5	1921	750	22400	6.5	10
	29.5R29	★★	218	L-5S	100	TL	25.00/3.5	2023	750	23600	6.5	10
	35/65R33	★★	224	L-5S	97	TL	28.00/3.5	2065	889	28000	6.5	10

CRANES TIRE Series

1. Tread Designs

B05N

PATTERN CHARACTERISTIC

- High-speed capability;
- Exceptional operate comfort;
- Intermediate transverse block pattern;
- Long tyre life;
- Good traction;Suitable for cranes.

BGZN

PATTERN CHARACTERISTIC

- High-speed capability;
- Closed shoulder design;
- Variable pitch to minimize the noise;
- Special abrasion resistance.

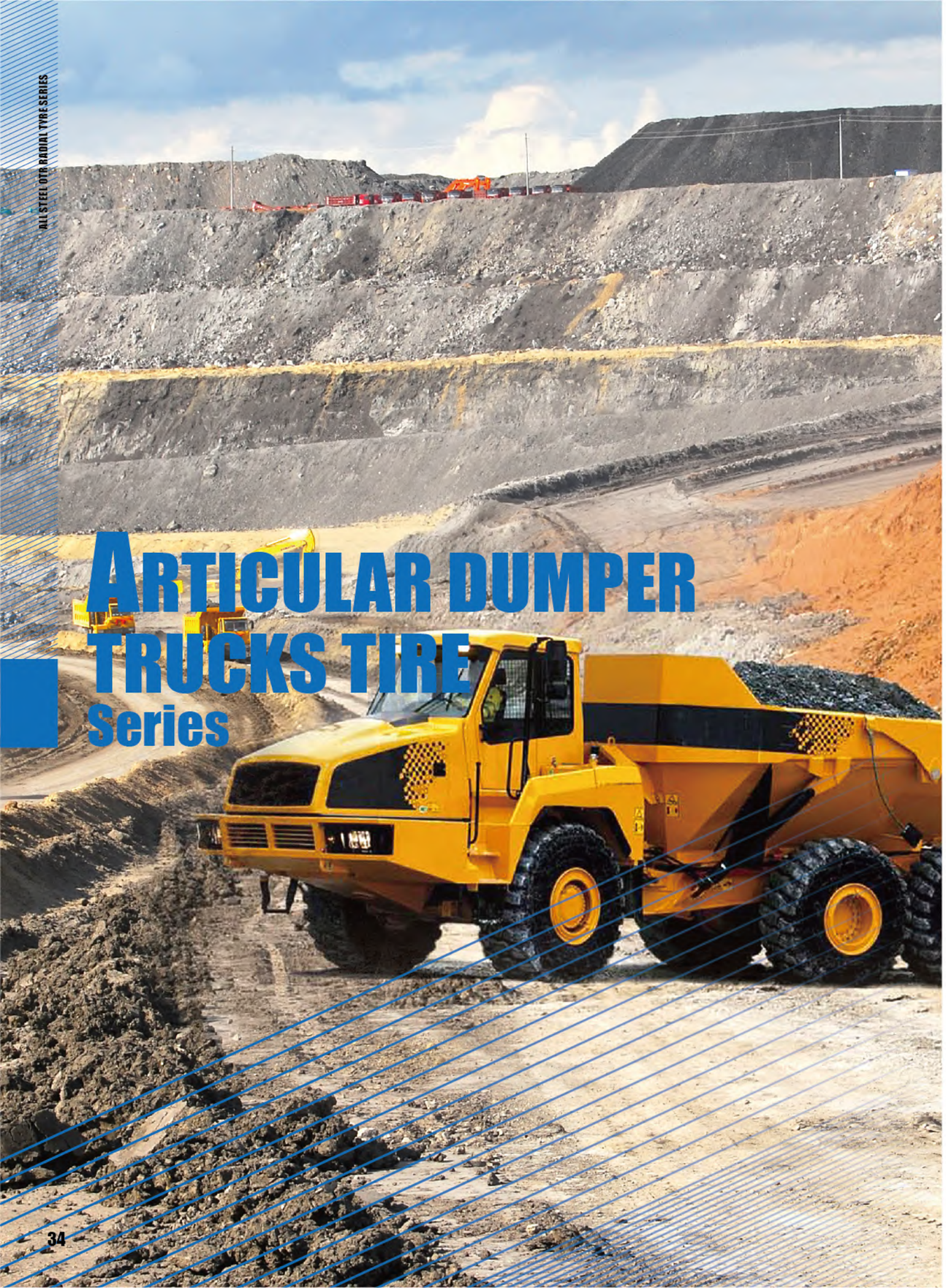
DCRANE

PATTERN CHARACTERISTIC

- The pattern adopts longitudinal straight groove design, while optimizing the horizontal and longitudinal grooves of tread pattern, easy to operate, comfortable bearing, strong durability, high speed performance, excellent traction performance, suitable for crane.

2. Technical Data

Pattern	Tire Size	Star Rating	Load Index	TRA Code	Tread Depth (mm)	Type	Standard Rim (RIM WIDTH & FLANGE)	Diameter	Section Width	Max Load (kg)	Stander Pressure (bar)	Max speed (km/h)
B05N	14.00R24 (385/95R24)	★★★	170	E-2	23	TT	10.00W	1356	382	6000	10.0	70
	14.00R25 (385/95R25)	★★★	170	E-2	23	TL	10.00/1.5	1356	382	6000	10.0	70
	16.00R25 (445/95R25)	★★★	174/177	E-2	28	TL	11.25/2.0	1493	432	6700/7300	10.0	80/70
	17.5R25 (445/80R25)	★★★	170	E-2	28	TL	14.00/1.5	1348	445	6000	9.0	70
	20.5R25 (525/80R25)	★★★	179	E-2	31	TL	17.00/2.0	1490	521	7750	9.0	70
	18.00R25 (505/95R25)	★★★	186	E-2	28	TL	13.00/2.5	1615	498	9500	9.0	70
BGZN	14.00R24 (385/95R24)	★★★	170	E-2	23	TT	10.00W	1368	382	6000	10.0	70
	14.00R25 (385/95R25)	★★★	170	E-2	23	TL	10.00/1.5	1368	382	6000	10.0	70
	16.00R25 (445/95R25)	★★★	174/177	E-2	28	TL	11.25/2.0	1493	432	6700/7300	10.0	80/70
DCRANE	14.00R25 (385/95R25)	★★★	170	E-2	23	TL	10.00/1.5	1368	384	6000	9.0	70



ARTICULAR DUMPER TRUCKS TIRE Series

1. Tread Designs

BDTS

600/65R25
650/65R25
750/65R25
875/65R29

PATTERN CHARACTERISTIC

- Good traction and protection;Stable, comfortable ride;
- Special abrasion resistance with long-lasting tread life;
- Suitable for many conditions such as stone pit industry zone and underground mine.

BDTS

PATTERN CHARACTERISTIC

- Good traction and protection;Stable, comfortable ride;
- Special abrasion resistance with long-lasting tread life;
- Suitable for many conditions such as stone pit industry zone and underground mine.

B01N

PATTERN CHARACTERISTIC

- Excellent traction and stability.
- Deliver exceptional operator comfort.
- Designed for loaders, earthmovers and the equipment used in construction stockpile and truck-loading applications.

B02N

PATTERN CHARACTERISTIC

- With wide and stabile tread.
- Exellent traction and adhesion.
- Designed to deliver
- exceptional operator
- comfort and for articulated trucks.

B02S

PATTERN CHARACTERISTIC

- With wide and stabile tread.
- Exellent traction and adhesion.
- Designed to deliver exceptional operator comfort and for articulated trucks.

BXDN

PATTERN CHARACTERISTIC

- Special tread depth;
- Good traction in wet and muddy road;
- Special tread design guaranteed the integral beauty;
- Suitable for earthmovers and loaders.

BLGN

PATTERN CHARACTERISTIC

- With wide and stabile tread.
- Exellent traction and adhesion.
- Designed to deliver exceptional operator comfort and for Loader machine peacefully.

LCHS

PATTERN CHARACTERISTIC

- Good traction and protection;
- Stable, comfortable ride;
- Special abrasion resistance with long-lasting tread life;
- Suitable for many conditions such as stone pit industry zone and underground mine.

2. Technical Data

Pattern	Tire Size	Star Rating	Load Index	TRA Code	Tread Depth (mm)	Type	Standard Rim (RIM WIDTH & FLANGE)	Diameter	Section Width	Max Load (kg)	Stander Pressure (bar)	Max speed (km/h)
BDTS	23.5R25	★★	185	E-4	48	TL	19.50/2.5	1673	597	9250	5.25	50
	26.5R25	★★	193	E-4	52	TL	22.00/3.0	1798	673	11500	5.25	50
	29.5R25	★★	200	E-4	57	TL	25.00/3.5	1921	750	14000	5.25	50
	29.5R29	★★	202	E-4	57	TL	25.00/3.5	2023	750	15000	5.25	50
BDTS	600/65R25	★★	187/178	L-3/E-3	35.5	TL	19.50/2.5	1398	611	9750/7500	4.75	10/50
	650/65R25	★★	193/180	L-3/E-3	38.5	TL	19.50/2.5	1475	640	11500/8000	4.75	10/50
	750/65R25	★★	202/190	L-3/E-3	44.5	TL	24.00/3.0	1590	735	15000/10600	4.75	10/50
	875/65R29	★★	214/203	L-3/E-3	52.5	TL	28.00/3.5	1845	900	21200/15500	4.75	10/50
	875/65R29	★★★	218/213	L-3/E-3	52.5	TL	28.00/3.5	1845	900	23600/20600	8.0/6.5	10/50
B01N	17.5R25	★★	182/167	L-3/E-3	28	TL	14.00/1.5	1348	445	8500/5450	6.5/5.25	10/50
	20.5R25	★★★	205	L-3	31	TL	17.00/2.0	1490	521	16500	8.0	10
	20.5R25	★★	193/177	L-3/E-3	31	TL	17.00/2.0	1490	521	11500/7300	6.5/5.25	10/50
	23.5R25	★★	201/185	L-3/E-3	34	TL	19.50/2.5	1617	597	14500/9250	6.5/5.25	10/50
	26.5R25	★★	209/193	L-3/E-3	37	TL	22.00/3.0	1750	673	18500/11500	6.5/5.25	10/50
B02N	23.5R25	★★	201/185	L-3/E-3	34	TL	19.50/2.5	1617	597	14500/9250	6.5/5.25	10/50
	26.5R25	★★	209/193	L-3/E-3	37	TL	22.00/3.0	1750	673	18500/11500	6.5/5.25	10/50
	29.5R25	★★	216/200	L-3/E-3	43.5	TL	25.00/3.5	1873	750	22400/14000	6.5/5.25	10/50
	29.5R29	★★	218/202	L-3/E-3	43.5	TL	25.00/3.5	1975	673	23600/15000	6.5/5.25	10/50
	29.5R25	★★★	221/204	L-3/E-3	43.5	TL	25.00/3.5	1873	750	25750/16000	8.0/8.0	10/50
	29.5R29	★★★	223/206	L-3/E-3	43.5	TL	25.00/3.5	1975	750	27250/17000	8.0/8.0	10/50
	600/65R25	★★	187/178	L-3/E-3	35.5	TL	19.50/2.5	1415	610	9750/7500	4.75	10/50
B02S	650/65R25	★★	193/180	L-3/E-3	38.5	TL	19.50/2.5	1475	640	11500/8000	4.75	10/50
	750/65R25	★★	202/190	L-3/E-3	44.5	TL	24.00/3.0	1590	735	15000/10600	4.75	10/50
	875/65R29	★★	214/203	L-3/E-3	52.5	TL	28.00/3.5	1845	900	21200/15500	4.75	10/50
	875/65R29	★★★	218/213	L-3/E-3	52.5	TL	28.00/3.5	1850	900	23600/20600	6.5/6.5	10/50
BXDN	17.5R25	★★	182/167	L-3/E-3	28	TL	14.00/1.5	1348	445	8500/5450	6.5/5.25	10/50
	20.5R25	★★	193/177	L-3/E-3	31	TL	17.00/2.0	1490	521	11500/7300	6.5/5.25	10/50
	23.5R25	★★	201/185	L-3/E-3	42.5	TL	19.50/2.5	1617	597	14500/9250	6.5/5.25	10/50
	26.5R25	★★	209/193	L-3/E-3	45	TL	22.00/3.0	1750	673	18500/11500	6.5/5.25	10/50
	29.5R25	★★	216/200	L-3/E-3	48	TL	25.00/3.5	1873	750	22400/14000	6.5/5.25	10/50
BLGN	13.00R24	★	146	G-2	26.5	TL	8.00/1.4	1280	335	3000	3.75	40
	14.00R24	★★	177/155	L-2/G-2	26.5	TL	8.00TG	1350	360	7300/3875	8.25/4.25	10/40
	16.00R24	★★	181/163	L-2/G-2	27	TL	10.00/1.7	1460	427	8250/4875	8.25/4.25	10/40
	23.5R25	★★	201/185	L-4/E-4	47	TL	19.50/2.5	1673	597	14500/9250	6.5/5.25	10/50
LCHS	26.5R25	★★	209/193	L-4/E-4	57	TL	22.00/3.0	1798	673	18500/11500	6.5/5.25	10/50
	29.5R29	★★	218/202	L-4/E-4	60	TL	25.00/3.5	2023	750	23600/15000	6.5/5.25	10/50
	35/65R33	★★	224/207	L-4/E-4	62.5	TL	28.00/3.5	2035	889	28000/17500	6.5/5.25	10/50

PORT TIRE Series

1. Tread Designs

M08S

PATTERN CHARACTERISTIC

- The rugged radial tire designed for forklift trucks,terminal tractors and other industrial equipments used in heavy-duty applications.

B07S

PATTERN CHARACTERISTIC

- The rugged radial tire designed for forklift trucks,terminal tractors and other industrial equipments used in heavy-duty applications.

BSCS

PATTERN CHARACTERISTIC

- Strong port tire design, suitable for port straddle carrier equipment.

2. Technical Data

Pattern	Tire Size	Star Rating	Load Index	TRA Code	Tread Depth (mm)	Type	Standard Rim (RIM WIDTH & FLANGE)	Diameter	Section Width	Max Load (kg)	Stander Pressure (bar)	Max speed (km/h)
M08S	12.00R24	★★	178	IND-4	41.5	TL	8.5	1245	340	7500	10.0	25
	16.00R25	★★	200	IND-4	72.5	TL	11.25/2.0	1530	430	14000	10.0	25
	18.00R25	★★★	214	IND-4	63	TL	13.00/2.5	1680	510	21200	10.0	25
	18.00R33	★★★	219	IND-4	73	TL	13.00/2.5	1860	510	24300	10.0	25
B07S	14.00R24	★★★	196	IND-4	64.5	TL	10.00W	1395	390	12500	10.0	25
	18.00R25	★★★	214	IND-4	63	TL	13.00/2.5	1680	510	21200	10.0	25
BSCS	16.00R25	★★★	200	IND-4	50	TL	11.25/2.0	1510	438	14000	10.0	25

CORRESPONDING TABLE OF AIR PRESSURE LOAD

MINING TRUCKS TIRE

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										450	500	550	600	650	700	750	800
13.00R25	LOFN	★★★	28	E-3	CS	134	31	8.5-1.5	50	3545	3815	4085	4360	4650	4875	5150	5450
13.00R25	AN609	★★★	26	E-3	C2 CS	134 -	31 -	8.5-1.5	50	3545	3815	4085	4360	4650	4875	5150	5450
13.00R25	AN6092	★★★	31	E-4	C2 CS	97 -	22 -	8.5-1.5	50	3545	3815	4085	4360	4650	4875	5150	5450
14.00R24	LOFN	★★★	28	E-3	C2 CS H2	105 130 165	18 22 28	10.00/1.7	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	BYHN	★★★	24.5	E-3	C2 CS H2	140 180 225	23 30 37	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	HL808PRO	★★★	26	E-3	C2 CS H2	110 140 175	18 23 29	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	LOFN16	★★★	28	E-3	C2 CS H2	115 145 180	19 24 30	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	AN609	★★★	28	E-3	C2 CS H2	110 140 175	18 23 29	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	LOFN	★★★	28	E-3	C2 CS H2	105 130 165	18 22 28	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	LGXN2	★★★/ ★★★★	34	E-4	C2 CS H2	85 110 125	14 18 21	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	LOFN2	★★★/ ★★★★	34	E-4	C2 CS H2	85 105 130	14 18 22	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	B04S	★★★/ ★★★★	38	E-4	C2 CS H2	- - -	- - -	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	LOFN26	★★★/ ★★★★	40	E-4	C2 CS H2	75 95 110	12 16 18	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	AN6096	★★★/ ★★★★	40	E-4	C2 CS H2	70 90 100	11 14 16	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
14.00R25	AN6092	★★★/ ★★★★	40	E-4	C2 CS H2	65 85 95	11 14 16	10.00/2.0	50	4300	4600	4900	5200	5500	5800	6100	6400
16.00R25	B02NF	★★★	23	E-3	C2 CS H2	- - -	- - -	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	B02NG	★★★	25.5	E-3	C2 CS H2	- 270 -	- 41 -	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	B02NE	★★★	28	E-3	CS H2	228 242	35 37	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	AN609	★★★	28	E-3	C2 CS H2	180 220 235	28 34 36	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	BYHN AN609	★★★	28	E-3	C2 CS H2	180 220 235	28 34 36	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	B02N B02NT AN609Pro	★★★	34	E-3	C2 CS H2	118 145 170	18 22 26	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	B04S	★★★	44	E-4	C2 CS H2	- - -	- - -	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	B02S	★★★	44	E-4	C2 CS H2	90 120 145	14 18 22	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
16.00R25	BDTS2	★★★	46	E-4	C2 CS H2	85 115 140	13 17 21	11.25/2.0	50	5150	5600	6000	6500	6900	7300	7600	8000
18.00R25	B02NE	★★★	28	E-3	C2 CS H2	- - -	- - -	13.00/2.5	50	6200	7000	7500	8150	8800	9200	9750	10300
18.00R25	B02NT	★★★	34	E-3	C2 CS H2	205 240 265	18 20 22	13.00/2.5	50	6200	7000	7500	8150	8800	9200	9750	10300

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										450	500	550	600	650	700	750	800
480/95R29	B04S	★★★	44	E-4	C2 CS H2	- - -	- - -	13.00/2.5	50	6300	7100	7600	8300	9000	9450	10000	10600
480/95R29	B02NT	★★★	34	E-3	C2 CS H2	- - 230	- - 20	13.00/2.5	50	6300	7100	7600	8300	9000	9450	10000	10600
480/95R29	BYHN	★★★	28	E-3	C2 CS H2	- 210 -	- 18 -	13.00/2.5	50	6300	7100	7600	8300	9000	9450	10000	10600
505/95R29	B04N	★★★	32	E-3	C2 CS H2	- - -	- - -	13.00/2.5	50	6500	7300	7800	8500	9200	9700	10300	10900
505/95R29	B01N	★★★	28	E-3	C2 CS H2	- - -	- - -	13.00/2.5	50	6500	7300	7800	8500	9200	9700	10300	10900

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										200	250	350	450	550	650	730	820
425/85R21	KT666	24PR	25	-	-	-	-	12.00	60	3300	3600	4100	4600	5100	5600	6000	6500
425/85R21	KT666	22PR	25	-	-	-	-	12.00	60	3000	3300	3800	4300	4800	5450	/	/
425/85R21	KT666	20PR	25	-	-	-	-	12.00	100	2700	3000	3500	4000	4500	/	/	/
425/85R21	KT666	18PR	25	-	-	-	-	12.00	90	2200	2500	3000	3500	4000	/	/	/
425/85R21	KT667	24PR	25	-	-	-	-	12.00	60	3300	3600	4100	4600	5100	5600	6000	6500
425/85R21	KT667	22PR	25	-	-	-	-	12.00	60	3000	3300	3800	4300	4800	5450	/	/
425/85R21	KT667	20PR	25	-	-	-	-	12.00	100	2700	3000	3500	4000	4500	/	/	/
425/85R21	KT667	18PR	25	-	-	-	-	12.00	90	2200	2500	3000	3500	4000	/	/	/

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										500	550	600	650	700	750	800	850
12.00R24	LGDN	24PR	30	-	-	-	-	8.5	50	3200	3400	3580	3780	3980	4180	4400	4625

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										450	500	550	600	650	700	750	790
14.00R20	969	20PR	17	-	-	-	-	10.0	80	3500	3680	3880	4000	4280	4500	4750	5000

RIGID DUMPER TRUCKS TIRE

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.di /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures											
										450	475	500	525	550	575	600	625	650	675	700
14.00R24	B03S	★★★	38	E-4	C2 CS	75 95	12 16	10.0	50	4300	4450	4600	4750	4900	5050	5200	5350	5500	5650	5800
14.00R25	B03S	★★★	38	E-4	H2	110	18	10.00/1.5	50	4300	4450	4600	4750	4900	5050	5200	5350	5500	5650	5800
16.00R25	BWYN	★★★	28	E-2	SNOW	-	70	11.25/2.0	70	5150	5450	5600	5800	6000	6300	6500	6700	6900	7100	7300
18.00R25	B03S	★★	47	E-4	C2 CS H2	- 146 178	- 13 15	13.00/2.5	50	6700	7100	7300	7500	7750	8000	8250	8500	8750	9000	9250
18.00R25	B06S	★★	47	E-4	C2 CS H2	- - -	- - -	13.00/2.5	50	6700	7100	7300	7500	7750	8000	8250	8500	8750	9000	9250
18.00R33	B06S	★★	49	E-4	C2 CS H2	- - -	- - -	13.00/2.5	50	7750	8000	8500	8750	9000	9250	9750	10000	10300	10600	10900
18.00R33	BDRS	★★	54	E-4	C2 CS H2	220 280 340	21 25 28	13.00/2.5	50	7750	8000	8500	8750	9000	9250	9750	10000	10300	10600	10900
18.00R33	B04S	★★	54	E-4	C2 CS H2	210 270 330	20 24 27	13.00/2.5	50	7750	8000	8500	8750	9000	9250	9750	10000	10300	10600	10900
18.00R33	B04S2	★★	49	E-4	C2 CS H2	240 310 370	22 26 29	13.00/2.5	50	7750	8000	8500	8750	9000	9250	9750	10000	10300	10600	10900
21.00R33	B06S	★★	54	E-4	C2 CS H2	230 280 340	19 23 28	15.00/3.0	50	1000	10300	10900	11200	11500	11800	12500	12850	13200	13600	14000
21.00R35	B04S2	★★	52	E-4	C2 CS H2	230 265 290	21 24 26	15.00/3.0	50	10300	10600	11200	11500	11800	12150	12850	13200	13600	14000	14500
21.00R35	B04S	★★	61	E-4	C2 CS H2	175 200 220	16 18 20	15.00/3.0	50	10300	10600	11200	11500	11800	12150	12850	13200	13600	14000	14500
21.00R35	BDRS	★★	54	E-4	C2 CS H2	175 200 220	16 18 20	15.00/3.0	50	10300	10600	11200	11500	11800	12150	12850	13200	13600	14000	14500
24.00R35	B04S2	★★	58	E-4	C2 CS H2	230 275 330	16 19 23	17.00/3.5	50	13200	13600	14000	14500	15500	16000	16500	17000	17500	18000	18500
24.00R35	B04S	★★	68	E-4	C2 CS H2	210 260 300	15 18 21	17.00/3.5	50	13200	13600	14000	14500	15500	16000	16500	17000	17500	18000	18500
24.00R35	BDRS	★★	58	E-4	C2 CS H2	210 260 300	15 18 21	17.00/3.5	50	13200	13600	14000	14500	15500	16000	16500	17000	17500	18000	18500
24.00R35	BHLS	★★	76	E-4	C2 CS H2	245 305 350	17 21 24	17.00/3.5	50	13200	13600	14000	14500	15500	16000	16500	17000	17500	18000	18500
27.00R49	HLG03	★★	61	E-4	C2 CS H2	370 480 620	16 21 27	19.50/4.0	50	19500	20000	20600	21800	22400	23000	23600	25000	25750	26500	27250
27.00R49	HLG08	★★	83	E-4	C2 CS H2	326 428 484	12 18 21	19.50/4.0	50	19500	20000	20600	21800	22400	23000	23600	25000	25750	26500	27250
27.00R49	B04S	★★	76	E-4	C2 CS H2	350 460 520	15 20 22	19.50/4.0	50	19500	20000	20600	21800	22400	23000	23600	25000	25750	26500	27250
30.00R51	HLG05	★★	64	E-4	C2 CS H2	340 390 660	11 13 22	22.00/5.0	50	23600	25000	25750	26500	28000	29000	30000	30750	31500	32500	33500
33.00R51	HLG01	★★	80	E-4	C2 CS H2	420 485 750	12 14 22	24.00/5.0	50	27250	29000	30000	30750	32500	33500	34500	35500	36500	37500	38750
33.00R51	HLG06	★★	70	E-4	C2 CS H2	425 490 760	12 14 22	24.00/5.0	50	27250	29000	30000	30750	32500	33500	34500	35500	36500	37500	38750
33.00R51	B04S	★★	94	E-4	C2 CS H2	380 440 680	11 13 20	24.00/5.0	50	27250	29000	30000	30750	32500	33500	34500	35500	36500	37500	38750
36.00R51	HLG01	★★	88	E-4	C2 CS H2	390 450 680	10 11 17	26.00/5.0	50	33500	35500	36500	37500	38750	40000	41250	42500	43750	45000	46250
40.00R57	HLG03	★★	80	E-4	C2 CS H2	630 820 1090	12 15 21	29.00/6.0	50	42500	45000	46250	48750	50000	51500	53000	54500	56000	58000	60000
40.00R57	HLG08	★★	100	E-4	C2 CS H2	- - -	- - -	29.00/6.0	50	42500	45000	46250	48750	50000	51500	53000	54500	56000	58000	60000
46/90R57	HLG04	★★	97	E-4	C2 CS H2	550 720 920	10 13 17	29.00/6.0	50	45000	47500	48750	51500	53000	54500	56000	58000	60000	61500	63000
46/90R57	HLG08	★★	97	E-4	C2 CS H2	- - -	- - -	29.00/6.0	50	45000	47500	48750	51500	53000	54500	56000	58000	60000	61500	63000

LOADER, BULLDOZER GRADER, SCRAPER TIRE

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.di /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures											
										400	425	450	475	500	525	550	575	600	625	650
15.5R25	BWYN	★★	25	L-2	SNOW	-	-	12.00/1.3	10	5000	5150	5450	5600	5800	6150	6300	6500	6700	6900	7100
17.5R25	BWYN	★★	28	L-2	SNOW	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
17.5R25	BWYNL	★★	28	L-2	SNOW	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
17.5R25	SNOWMASTER	★★	29	L-2	SNOW	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
17.5R25	B01N	★★	28	L-3	C1	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
17.5R25	B01NL	★★	28	L-3	C1	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
17.5R25	BXDN	★★	28	L-3	C1	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
17.5R25	MWS+	★★	68	L-5	C1	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
17.5R25	SMS+	★★	65	L-5S	C1	-	-	14.00/1.5	10	6000	6150	6500	6700	7100	7300	7500	7750	8000	8250	8500
20.5R25	BWYN	★★	31	L-2	SNOW	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	SNOWMASTER	★★	32	L-2	SNOW	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	B01N	★★	31	L-3	R1	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	B01N	★★★	31	L-3	R1	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	B01NL	★★	31	L-3	C1	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	BXDN	★★	31	L-3	C1	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	MWS+	★★	78	L-5	C1	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	SMS+	★★	72	L-5S	C1	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
20.5R25	LCHS+	★★	72	L-5	C1	-	-	17.00/2.0	10	8000	8250	8750	9000	9500	9750	10000	10300	10900	11200	11500
23.5R25	B01N	★★	34	L-3	R1	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	B01NL	★★	34	L-3	C1	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	B02N	★★	34	L-3	C1	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	LCHS	★★	47	L-4	C1	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	MWS	★★	51	L-4	C1	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	BWYN	★★	34	L-2	SNOW	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	BWYNL	★★	34	L-2	SNOW	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	SNOWMASTER	★★	35	L-2	SNOW	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	SMS+	★★	83	L-5	C2	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	LCHS+	★★	78	L-5	C1	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
23.5R25	MWS+	★★	87	L-5	C1	-	-	19.5/2.5	10	10300	10600	11200	11500	12150	12000	12850	13200	13600	14000	14500
26.5R25	B02N	★★	37	L-3	C1 R1	- -	- -	22.00/3.0	10	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
26.5R25	BWYN	★★	37	L-2	SNOW	-	-	22.00/3.0	10	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
26.5R25	LCHS	★★	57	L-4	C1	-	-	22.00/3.0	10	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
26.5R25	MWS	★★	60	L-4	C1	-	-	22.00/3.0	10	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
26.5R25	LCHS+	★★	87	L-5	C1	-	-	22.00/3.0	10	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
26.5R25	MWS+	★★	96	L-5	C1	-	-	22.00/3.0	10	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
26.5R25	SMS+	★★	90	L-5	C1	-	-	22.00/3.0	10	12850	13200	14000	14500	15000	15500	16000	16500	17000	18000	18500
29.5R25	B02N	★★	43.5	L-3	R1 CS C1	- - -	- - -	25.00/3.5	10	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
29.5R25	BXDN	★★	48	L-3	C1	-	-	25.00/3.5	10	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
29.5R25	BWYN	★★	43.5	L-2	SNOW	-	-	25.00/3.5	10	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
29.5R25	MWS	★★	66.5	L-4	C1	-	-	25.00/3.5	10	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
29.5R25	MWS+	★★	104	L-5	C1	-	-	25.00/3.5	10	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
29.5R25	LCHS+	★★	95	L-5	C1 C2	- -	- -	25.00/3.5	10	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
29.5R25	SMS+	★★	100	L-5S	C1 C2	- -	- -	25.00/3.5	10	15500	16000	17000	17500	18000	19000	19500	20000	20600	21200	22400
29.5R29	B02N	★★	43.5	L-3	R1	-	-	25.00/3.5	10	16500	17000	18000	18500	19500	20000	20600	21200	22400	23000	23600
29.5R29	LCHS	★★	60	E-4	C1	-	-	25.00/3.5	10	16500	17000	18000	18500	19500	20000	20600	21200	22400	23000	23600
29.5R29	MWS+	★★	104	L-5	C1	-	-	25.00/3.5	10	16500	17000	18000	18500	19500	20000	20600	21200	22400	23000	23600
29.5R29	LCHS+	★★	95	L-5	C1	-	-	25.00/3.5	10	16500	17000	18000	18500	19500	20000	20600	21200	22400	23000	23600
29.5R29	SMS+	★★	100	L-5S	C1 C2	- -	- -	25.00/3.5	10	16500	17000	18000	18500	19500	20000	20600	21200	22400	23000	23600
600/65R25	B02S	★★	35.5	L-3	C1 R1	- -	- -	19.50/2.5	10	8500	9000	9250	9750							
650/65R25	B02S	★★	38.5	L-3	C1 R1	- -	- -	19.50/2.5	10	10000	10600	10900	11500							
750/65R25	B02S	★★	44.5	L-3	C1 R1	143 -	9 -	24.00/3.0	10	13200	13600	14500	15000							
875/65R29	B02S	★★	52.5	L-3	C1 R1	174 -	9 -	28.00/3.5	10	18500	19500	20600	21200							
875/65R29	B02S	★★★	52.5	L-3	C1 R1	174 -	9 -	28.00/3.5	10				21250	21600	22000	22420	23010	23600		
35/65R33	MWS+	★★	95.5	L-5	C1 C2	- 111	- 4	28.00/3.5	10	19500	20600	21200	22400	23000	23600	25000	25750	26500	27250	28000
35/65R33	SMS+	★★	95.5	L-5S	C1 C2	- -	- -	28.00/3.5	10	19500	20600	21200	22400	23000	23600	25000	25750	26500	27250	28000
35/65R33	LCHS+	★★	95.5	L-5	C1	121	5	28.00/3.5	10	19500	20600	21200	22400	23000	23600	25000	25750	26500	27250	28000
35/65R33	LCHS	★★	62.5	L-4	C1	140	6	28.00/3.5	10	19500	20600	21200	22400	23000	23600	25000	25750	26500	27250	28000

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.di /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures											
										550	575	600	625	650	675	700	725	750	775	800	825	850
14.00R24	SMS+	★★	60	L-5S	C2	-	-	10.00W	10	6950	7200	7450	7700	7950	8200	8450	8700	8950	9200	9500		
12.00R24	SMS+	★★	55	L-5	C1	-	-	8.5	10	5150	5300	5450	5600	5800	5950	6150	6300	6500	6700	6900		
12.00R24	SM6S+	★★	55	L-5	C2	-	-	8.5	10	5150	5300	5450	5600	5800	5950	6150	6300	6500	6700	6900		
17.5R25	MWS+	★★★	68	L-5	C1	-	-	14.00/1.5	10	7800	8100	8400	8700	9000	9300	9600	10000	10400	10900	11500		
20.5R25	SMS+	★★★	72	L-5S	C1	-	-	17.00/2.0	10	10500	10800	10400	11700	12000	12300	12600	12900	13200	13500	14000		
20.5R25	B01N	★★★	31	L-3	C1	-	-	17.00/2.0	10	11500	12000	12500	13000	13500	14000	14500	15000	15500	16000	16500		
					R1	-	-															
23.5R25	B02N	★★★	34	L-3	C1	-	-	19.5/2.5	10	12000	12500	13000	13500	14000	14500	15000	15500	16000	16500	17000		
		★★★	34	L-3	R1	-	-	19.5/2.5	10	12000	12500	13000	13500	14000	14500	15000	15500	16000	16500	17000		
26.5R25	B02N	★★★	37	L-3	C1	-	-	22.00/3.0	10					19080	19340	19610	19870	20140	20400	20670	20930	21200
					R1	-	-															
29.5R25	B02N	★★★	43.5	L-3	R1	-	-	25.00/3.5	10	18000	18500	19500	20000	21000	21500	22500	23000	24000	25000	25750		
29.5R29	B02N	★★★	43.5	L-3	R1	-	-	25.00/3.5	10	19000	19500	20500	21000	22000	23000	23750	24500	25500	26500	27250		
					C1	-	-															

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.di /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures												
										400	425	450	475	500	525	550	575	600	625	650	700	750	800	825
18.00R25	SMS+	★★	80	L-5	C1	-	-	13.00/2.5	10						11200	11800	12150	12500	12850	13200	14000	15000	15500	16000
		★★	80	L-5	C2	-	-	-	-															
35/65R33	MWS+	★★★★	95.5	L-5	C1	-	-	28.00/3.5	10	19500	20600	21200	22400	23000	23600	25000	25750	26500	27250	28000	29250	30850	32500	
				L-5	C2	-	-	-	-															

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										200	300	400	500	600	700	800	900
13.00R24	BLGN	★	26.5	G-2	R1	-	-	8.00/1.4	40	1850	2000	2180	2360	2500	2650	2800	3000

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										200	300	400	500	600	700	800	900
14.00R24	BLGN	★★	26.5	G-2	R1	-	-	8.00/1.4	40	2250	2425	2625	2825	3025	3275	3575	3875
14.00R24	BWYN	★	23	G-2	SNOW	-	-	8.00TG	40	2600	2800	3000	3200	3400	3650	3950	4250
16.00R24	BLGN	★★	27	G-2	R1	-	-	8.00/1.4	40	3000	3250	3500	3800	4050	4300	4550	4875
					C1	-	-										

CRANES TIRE

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures							
										200	300	400	500	600	700	800	900
14.00R24	B05N	★★★	23	E-2	H1	210	-	10.00W	70	1950	2700	3250	3900	4400	4900	5400	6000
14.00R24	BGZN	★★★	23	E-2	H1	210	-	10.00W	70	1950	2700	3250	3900	4400	4900	5400	6000
14.00R25	BGZN	★★★	23	E-2	H1	210	-	10.00/1.5	70	1950	2700	3250	3900	4400	4900	5400	6000
14.00R25	B05N	★★★	23	E-2	H1	210	-	10.00/1.5	70	1950	2700	3250	3900	4400	4900	5400	6000
14.00R25	DCRANE	★★★	23	E-2	H1	210	-	10.00/1.5	70	1950	2700	3250	3900	4400	4900	5400	6000
14.00R25	BWYN	★★★	23	E-2	SNOW	210	-	10.00/1.5	70	1950	2700	3250	3900	4400	4900	5400	6000
16.00R25	B05N	★★★	28	E2	H2	276	-	11.25/2.0	70	2250	3150	3850	4500	5200	5900	6600	7300
18.00R25	B05N	★★★	28	E2	H2	356	-	13.00/2.5	70	2850	4000	4850	5700	6650	7600	8550	9500
17.5R25	B05N	★★★	28	E-2	H1	290	-	14.00/1.5	70	2100	2800	3550	4350	5200	6000		
20.5R25	B05N	★★★	31	E-2	H1	316	-	17.00/2.0	70	2850	3800	4750	5750	6750	7750		

ARTICULAR DUMPER TRUCKS TIRE

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.di /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures											
										275	300	325	350	375	400	425	450	475	500	525
15.5R25	BWYN	★★	25	E-2	SNOW	-	-	12.00/1.3	50	2800	3000	3200	3400	3550	3700	3875	4000	4250	4400	4500
17.5R25	B01N	★★	28	E-3	C1	130	16	14.00/1.5	50	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
17.5R25	BXDN	★★	28	E-3	C1	120	16	14.00/1.5	50	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
17.5R25	BWYN	★★	28	E-2	SNOW	165	30	14.00/1.5	50	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
17.5R25	BWYNL	★★	28	E-2	SNOW	165	30	14.00/1.5	50	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
17.5R25	SNOWMASTER	★★	29	E-2	SNOW	165	30	14.00/1.5	50	3350	3550	3750	4000	4125	4375	4625	4750	5000	5150	5450
20.5R25	B01N	★★	31	E-3	R1	200	28	17.00/2.0	50	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300
					C1	180	16													
20.5R25	BXDN	★★	31	E-3	C1	155	16	17.00/2.0	50	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300
20.5R25	BWYN	★★	31	E-2	SNOW	220	30	17.00/2.0	50	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300
20.5R25	SNOWMASTER	★★	32	E-2	SNOW	220	30	17.00/2.0	50	4375	4750	5000	5300	5600	5800	6150	6500	6700	6900	7300
23.5R25	BDTS	★★	48	E-4	C1	-	-	19.5/2.5	50	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
					R1	-	-													
					CS	-	-													
23.5R25	B01N	★★	34	E-3	R1	-	-	19.5/2.5	50	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
					C1	-	-													
23.5R25	B02N	★★	34	E-3	C1	-	-	19.5/2.5	50	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
					R1	-	-													
23.5R25	LCHS	★★	47	E-4	C1	-	-	19.5/2.5	50	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
23.5R25	BWYN	★★	34	E-2	SNOW	-	-	19.5/2.5	50	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
23.5R25	BWYNL	★★	34	E-2	SNOW	-	-	19.5/2.5	50	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
23.5R25	SNOWMASTER	★★	35	E-2	SNOW	-	-	19.5/2.5	50	5600	6000	6500	6700	7100	7500	7750	8250	8500	9000	9250
26.5R25	B01N	★★	37	E-3	R1	-	-	22.00/3.0	50	7100	7500	8000	8500	9000	9500	9750	10300	10600	11200	11500
26.5R25	B02N	★★	37	E-3	C1	-	-	22.00/3.0	50	7100	7500	8000	8500	9000	9500	9750	10300	10600	11200	11500
					R1	-	-													
26.5R25	BWYN	★★	37	E-2	SNOW	-	-	22.00/3.0	50	7100	7500	8000	8500	9000	9500	9750	10300	10600	11200	11500
26.5R25	LCHS	★★	57	E-4	C1	-	-	22.00/3.0	50	7100	7500	8000	8500	9000	9500	9750	10300	10600	11200	11500
26.5R25	BDTS	★★	52	E-4	C1	-	-	22.00/3.0	50	7100	7500	8000	8500	9000	9500	9750	10300	10600	11200	11500
					R1	-	-													
					CS	-	-													
29.5R25	BDTS	★★	57	E-4	R1	-	-	25.00/3.5	50	8500	9250	9750	10300	10900	11500	11800	12500	12850	13600	14000
					CS	210	22													
					C1	-	-													
29.5R25	B02N	★★	43.5	E-3	R1	-	-	25.00/3.5	50	8500	9250	9750	10300	10900	11500	11800	12500	12850	13600	14000
					CS	-	-													
					C1	-	-													
29.5R25	BXDN	★★	48	E-3	C1	-	-	25.00/3.5	50	8500	9250	9750	10300	10900	11500	11800	12500	12850	13600	14000
29.5R25	BWYN	★★	43.5	E-2	SNOW	-	-	25.00/3.5	50	8500	9250	9750	10300	10900	11500	11800	12500	12850	13600	14000
29.5R29	B02N	★★	43.5	E-3	R1	-	-	25.00/3.5	50	9250	9750	10300	10900	11500	12150	12500	13200	13600	14500	15000
29.5R29	BDTS	★★	57	E-4	R1	-	-	25.00/3.5	50	9250	9750	10300	10900	11500	12150	12500	13200	13600	14500	15000
					CS	-	-													
					C1	-	-													
29.5R29	LCHS	★★	60	E-4	C1	-	-	25.00/3.5	50	9250	9750	10300	10900	11500	12150	12500	13200	13600	14500	15000
600/65R25	B02S	★★	35.5	E-3	C1	-	-	19.50/2.5	50	4900	5170	5480	5850	6200	6550	6900	7280	7500		
					R1	-	-													
650/65R25	B02S	★★	38.5	E-3	C1	-	-	19.50/2.5	50	5200	5510	5850	6220	6600	6980	7360	7750	8000		
					R1	-	-													
750/65R25	B02S	★★	44.5	E-3	C1	143	15	24.00/3.0	50	6900	7300	7750	8250	8750	9250	9750	10300	10600		
					R1	-	-													
875/65R29	B02S	★★	52.5	E-3	C1	174	13	28.00/3.5	50	10000	10900	11500	12150	12850	13600	14000	14500	15500		
					R1	-	-													
35/65R33	LCHS	★★	62.5	E-4	C1	-	6	28.00/3.5	50	10600	11500	12150	12850	13600	14000	15000	15500	16000	17000	17500

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.di /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures											
										550	575	600	625	650	675	700	725	750	775	800	
29.5R25	B02N	★★★	43.5	E-3	R1	-	-	25.00/3.5	50	9500	10500	11000	11500	12000	13000	13500	14000	14500	15500	16000	
29.5R29	B02N	★★★	43.5	E-3	R1	-	-	25.00/3.5	50	10500	11000	11500	12000	13000	13500	14000	14500	15500	16500	17000	
					C1	-	-	-	-												
875/65R29	B02S	★★★	52.5	E-3	C1	-	-	28.00/3.5	50					17150	17650	18200	18750	19270	19950	20600	
					R1	-	-	-	-												

PORT TIRE

Tire Size	Pattern	Star Rating	Tread Depth (mm)	TRA Code	Formula Index	TKPH	Max.dist. /hour (km)	Standard Rim	Max Speed (km/h)	Tire Load Limits at Various Cold Inflation Pressures			
										700	800	900	1000
12.00R24	M08S	★★★	41.5	IND-4	PROT	-	-	8.5	25	6300	6900	7250	7500
14.00R24	B07S	★★★	64.5	IND-4	PORT	-	-	10.00W	25	9500	10500	11500	12500
16.00R25	M08S	★★★	72.5	IND-4	PROT	-	-	11.25/2.0	25	11750	12950	13580	14000
18.00R25	M08S	★★★	63	IND-4	PROT	-	-	13.00/2.5	25	17800	19600	20500	21200
18.00R25	B07S	★★★	63	IND-4	PROT	-	-	13.00/2.5	25	17800	19600	20500	21200
18.00R33	M08S	★★★	73	IND-4	PROT	-	-	13.00/2.5	25	20400	22450	23500	24300

CLIMATIC CONDITION

The air pressure recommended by the equipment manufacturer and recommended in the tire manufacturer's technical manual is for mild weather conditions.

When an inflatable tire operates in an environment with a large temperature difference, its internal air pressure also changes: an increase in ambient temperature causes an increase in internal air pressure, and vice versa.

To limit body deformation, the working air pressure must always be the same as (or slightly higher than) the recommended air pressure. Therefore the recommended air pressure must take into account changes in temperature (day/night or from a season To the next season).

Recommended air pressure

Apply only after a corresponding period of downtime, depending on the size of the tire (about 3 hours for 25 "tires, 15 hours for 63" tires);The base ambient temperature for its calculation is 18℃ (65℉), but no correction is required if the external temperature is between 10℃ (50℉) and 25℃ (77℉).

When inflating, the ambient temperature is higher than the reference temperature

If the ambient temperature is higher than 25℃ • 80 ℉, the tire is only charged to the recommended air pressure when the temperature is lower。When falling, the internal pressure of the tire will be reduced to below the recommended pressure, and the tire is not inflated。The condition of the foot.When inflating, the effect of temperature difference must be expected. The following is a reference table.

Inflatable Ambient temperature	Incremental Atmospheric pressure
25℃ & 29℃ (77℉～84℉)	4%
30℃ & 34℃ (85℉～93℉)	6%
35℃ & 39℃ (94℉～102℉)	8%
40℃ & 45℃ (103℉～113℉)	10%

When inflating, the ambient temperature is lower than the base temperature

“ When inflating takes place in a heated workshop. The equipment will operate in cooler ambient air: therefore, the inflation pressure must be higher than the benchmark Stress.”

Steps to correct the inflation pressure

1. Calculate the temperature difference between the workshop and the outside environment (the temperature of the workshop - the outside temperature).
2. In the top row, find the nominal value closest to the calculated temperature difference
3. In the left column, select the recommended air pressure.
4. Select the intersection of rows and columns to define the inflation pressure required for your tires.

Recommended Pressure		the temperature of the workshop - the outside temperature									
Bar	PSI	10℃	50℉	20℃	68℉	30℃	86℉	40℃	104℉	50℃	122℉
4. 0	B	4. 2	61	4. 4	64	4. 6	67	4. 8	70	5	73
4. 5	65	4. 7	68	5. 0	73	5. 2	75	5. 4	78	5. 6	81
5. 0	73	5. 2	75	5. 5	80	5. 7	83	6	87	6. 2	90
5. 5	80	5. 8	84	6. 0	87	6. 3	91	6. 6	96	6. 8	91
6. 0	87	6. 3	91	6. 6	96	6. 9	100	7. 2	104	7. 4	107
6. 5	94	6. 8	99	7. 1	103	7. 4	107	7. 7	112	8. 0	116
7. 0	102	7. 3	106	7. 7	111	8. 0	116	8. 3	120	8. 6	125
7. 5	109	7. 8	113	8. 2	119	8. 5	124	8. 9	129	9. 2	133

For example:

Workshop temperature: 17℃ (63℉)

External temperature: -20℃ (-4℉).

Tire recommended working pressure: 6 Bar (87 Psi)

If the tire has a working pressure of 6 Bar (87Psi), it must be inflated to 7 Bar (102 Psi).

• Aeration is done outdoors

If the ambient temperature is near the minimum, inflate the tire to the recommended air pressure. As the temperature increases.Extra time, deflate to reduce pressure.

REMARKS & SPECIAL OPERATIONS

Remarks

Both rules of 1 and 2 can't be applied at the same time.

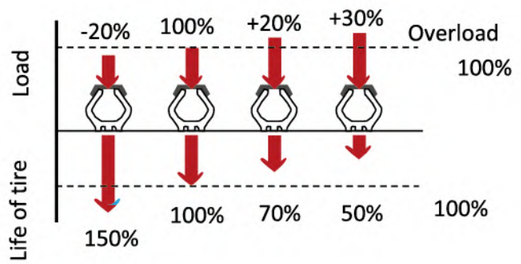
1 Excess Load

Due to the specialized nature of Off-The-Road vehicle usage, loads in excess of those in the appropriate above-listed load tables are often encountered.
These excess loads result from items such as actual vehicle weight exceeding the design weight, varying density of materials, field modifications to the equipment, load transfer, etc.
Only under these conditions, the actual tire load in service may exceed the above load ratings for the tire(*) by an amount not greater than shown in the following table:
For Radial Tires

	E2, E3, E4*	L**
Maximum Excess Load	7%	7%
Maximum Excess Pressure	14%	14%
Maximum Pressure	800kpa	825kpa
	116psi	120psi

(except for underground vehicles)
When excess loads are encountered, cold inflation pressures must be increased to compensate for higher loads.
For each 1% increase in load, the inflation pressure must be increased by 2%

increase inflation
pressure up to 100kPa (15psi) above, with no increase in load.
(Maximum inflation pressure should not exceed 825 kPa (120psi).)
The maximum excess loads will result in reduced tire performance.



2 The Variation in Load Carrying Capacity with Operating Speed

Operating Speed (km/h)	E2, E3, E4**	G	L***
Static	*	-	60%
Creep			30%
4			15%
10			0
15	12%		13%
20	10%		
25	8%		20%
30	6%		
35	4%		
40	3%	0	
45	2%	-	
50	0	-9%	
55	*	-	
60	*	-18%	
65	*	-27%	
70	*		
75	*		
80	*		
80<	*		

Reference speed for calculating load variance
* Consult a HILO Representative

3 Load-and-Carry Operations for Front End Loader Service

Service conditions of a loader is defined as "picking up material and relocating a short distance away, a maximum of 76m (250 feet), one way, with a maximum speed of 10km/h (5mph)". However, a loader can pick up a load and transport such load to another location and return unloaded for a longer distance. This type of service is called Loadand-Carry operations. Transportation usually occurs at low speeds, up to 25km/h (15mph), and distances are limited.
The tires when used in Load-and-Carry operations may encounter heat problems especially on the front axle tires. To avoid such problems, HILO recommends the following operating conditions.For tires over 33" inch rim diameter tires, careful study is required to maximize tire life while considering TonKilometer-Per-Hour (Ton-Mile-Per-Hour) limits. Please consult HILO representative for mor einformation.
If you need to use the tire beyond this recommendation, please consult HILO representative.