

2024 ALL STEEL RADIAL OTR & AGR TYRES





**Since TERCELO enters the market,
it shows a new looking to end users.**

Total supplier

TERCELO covers premium quality of PCR, TBR, OTR, GIANT OTR, Radial AGR for a variety of purposes, all tyres meet all internationally required manufacturing standards including DOT, ECE, R117, GCC, SNI, NOM, INMETRO and also quality control certifications include ISO9001.

Quality

TERCELO focuses on quality and end users, we are trying to build professional and high-end manufacturing by high-class raw material, advanced hardware and technology, strict innovation. Our experienced technical and management teams can guarantee that all tyres are continuously tested and developed to ensure product performance consistency.

Service

TERCELO offers proven quality: ranging from our qualified and helpful pre-sales and after-sales service team to our cooperation all throughout the market.

Research & Development

We cooperated with colleges and universities to establish research institute. Our engineers and technicians are always on the look-out for new ways to improve the tyres we offer, so TERCELO continues to meet the needs of the market.



TYRE RANGE CHART

ADT/Loader/Dozers/Grader



TCL01 E3/L3	TCL03 L5	TCL04 L5	TCL05 E3/L3	TAD01 E4/L4	TAD02 E4/L4	TGR01 G2
P5-P6	P7-P8	P9-P10	P11-P12	P13-P14	P15-P16	P3-P4

Rigid dump truck



TCD01 E4	TCD02 E4	TCD03 E4
P19-P20	P21	P22

Underground vehicle

All terrain crane



TCU01 L5S
P17-P18



TCR01 H2
P1-P2

Mining Truck



TC209 E4	TC208 E3	TC207 E3	TC202 E3	TC205 E4
P23-P24	P25	P26	P27	P28

Special

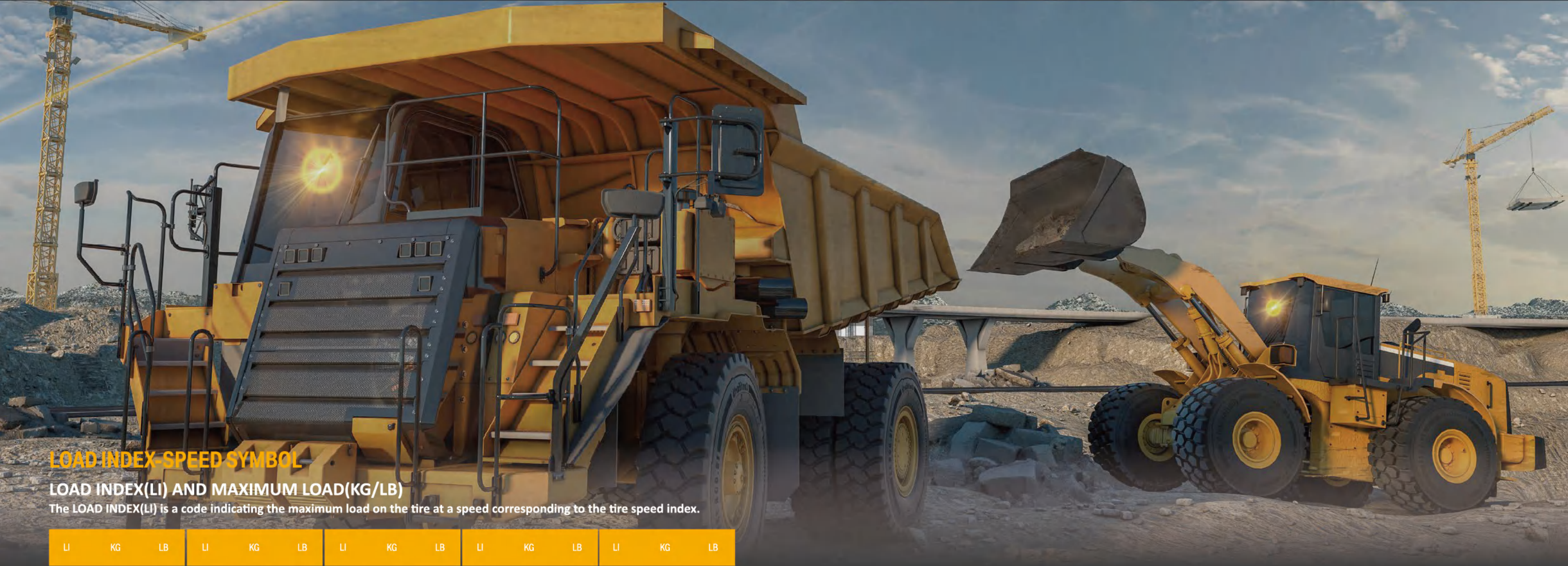


TCM01 E4	TCS01 E7
P29-P30	P31-P32

AGR



HR45
P33



LOAD INDEX-SPEED SYMBOL

LOAD INDEX(LI) AND MAXIMUM LOAD(KG/LB)

The LOAD INDEX(LI) is a code indicating the maximum load on the tire at a speed corresponding to the tire speed index.

LI	KG	LB	LI	KG	LB	LI	KG	LB	LI	KG	LB	LI	KG	LB
120	1400	3090	150	3350	7390	180	8000	17640	210	19000	41890	240	45000	99210
121	1450	3200	151	3450	7610	181	8250	18190	211	19500	43000	241	46250	101960
122	1500	3310	152	3550	7830	182	8500	18740	212	20000	44100	242	47500	104720
123	1550	3420	153	3650	8050	183	8750	19290	213	20600	45420	243	48750	107470
124	1600	3530	154	3750	8270	184	9000	19840	214	21200	46750	244	50000	110250
125	1650	3640	155	3875	8540	185	9250	20390	215	21800	48070	245	51500	113540
126	1700	3750	156	4000	8820	186	9500	20940	216	22400	49390	246	53000	117950
127	1750	3860	157	4125	9090	187	9750	21500	217	23000	50700	247	54500	120150
128	1800	3970	158	4250	9370	188	10000	22050	218	23600	52040	248	56000	123480
129	1850	4080	159	4375	9650	189	10300	22710	219	24300	53580	249	58000	127890
130	1900	4190	160	4500	9920	190	10600	23370	220	25000	55120	250	60000	132300
131	1950	4300	161	4625	10200	191	10900	24030	221	25750	56780	251	61500	135580
132	2000	4410	162	4750	10470	192	11200	24690	222	26500	58430	252	63000	138890
133	2060	4540	163	4875	10750	193	11500	25360	223	27250	60070	253	65000	143300
134	2120	4670	164	5000	11020	194	11800	26020	224	28000	61740	254	67000	147710
135	2180	4810	165	5150	11350	195	12150	26790	225	29000	63940	255	69000	152120
136	2240	4940	166	5300	11690	196	12500	27560	226	30000	66150	256	71000	156530
137	2300	5070	167	5450	12020	197	12850	28330	227	30750	67790	257	73000	160930
138	2360	5200	168	5600	12350	198	13200	29100	228	31500	69460	258	75000	165340
139	2430	5360	169	5800	12790	199	13600	29990	229	32500	71660	259	77500	170660
140	2500	5510	170	6000	13230	200	14000	30870	230	33500	73870	260	80000	176400
141	2575	5680	171	6150	13560	201	14500	31970	231	34500	76070	261	82500	181880
142	2650	5840	172	6300	13890	202	15000	33070	232	35500	78280	262	85000	187390
143	2725	6010	173	6500	14330	203	15500	34180	233	36500	80480	263	87500	192900
144	2800	6170	174	6700	14770	204	16000	35280	234	37500	82690	264	90000	198450
145	2900	6390	175	6900	15210	205	16500	36380	235	38750	85430	265	92500	203920
146	3000	6610	176	7100	15650	206	17000	37480	236	40000	88200	266	95000	209440
147	3075	6780	177	7300	16090	207	17500	38590	237	41250	90940	267	97500	214950
148	3150	6950	178	7500	16530	208	18000	39690	238	42500	93710	268	100000	220500
149	3250	7170	179	7750	17090	209	18500	40790	239	43750	96470	269	103000	227370

SPEED SYMBOLS(SS)

The SPEED SYMBOLS(SS) is a code indicating the maximum speed of the tire at a load corresponding to the tire load index.

SS	A2	A4	A5	A6	A8	B	C	D	E	F	G
KM/H	10	20	25	30	40	50	60	65	70	80	90
MPH	6	12	15	19	25	31	37	40	43	50	56

Examples of Tire Marking:

385/95R25 TCR01 170F: This tire can carry a load of 6000kg at a maximum speed of 80km/h(13230lb at 50 mph).



ALL STEEL RADIAL OTR TYRE

2

TCR01 H2



LOWER OPERATING COSTS

Wear life increased by up to 20% thanks to a new, more resistant rubber compound in the tread Unique tread pattern design prevents abnormal wear

Unique tread pattern design prevents abnormal wear



GREATER OPERATOR COMFORT AND RELIABILITY

Safe,high speed compound provides excellent highway performance

Excellent dynamic balance performance improves driving experience



BETTER CONTROLABILITY PERFORMANCE

Optimized Structure Design for more uniform force distribution

Bigger Contact Area for better wear resistance capacity

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	Dimensions(mm) S.W.	QNT/40HC
385/95R25	TCR01	★★★	23.0	TL	170F	10.00/1.5	1370	380	90
445/95R25	TCR01	★★★	25.0	TL	177F	11.25/2.0	1480	435	60
505/95R25	TCR01	★★★	26.0	TL	186E	13.00/2.5	1595	495	40



TGR01 G2



EXCELLENT PRODUCTIVITY

Resistance to impacts and cuts resulting in less downtime



EXCELLENT TRACTION AND SIDE HILL GRIP

An aggressive tread pattern, formed from many non-directional blocks, provides a high traction capability on unstable and muddy soils

An important contribution of the tread pattern to avoid lateral slip

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
14.00R24	TGR01	★	25.5	TL	153 A8	8.00TG	1350	360	98
17.5R25	TGR01	★	27.0	TL	153 A8	14.00/1.5	1350	445	90



TCL01 E3/L3



PRODUCTIVITY

Load capacity increased by 12% to 15% while maintaining the same inflation pressure

BETTER TREAD COMPOUND DESIGN

Superior wear and cut resistance

Significant increase in life of 25% to 30%



SAFETY & HANDLING improvement

Excellent traction performance

Unique tread design provides good self-cleaning performance

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions (mm) O.D.	Dimensions (mm) S.W.	QNT/40HC
17.5R25	TCL01	★★	28.0	TL	182A2/167B	14.00/1.5	1350	445	90
20.5R25	TCL01	★★	32.0	TL	193A2/177B	17.00/2.0	1490	520	56
23.5R25	TCL01	★★	35.0	TL	201A2/185B	19.50/2.5	1615	595	43
26.5R25	TCL01	★★	40.0	TL	209A2/193B	22.00/3.0	1750	675	35
29.5R25	TCL01	★★	40.0	TL	216A2/200B	25.00/3.5	1875	750	25



TCL03 L5



EXCEPTIONAL GRIP

Open tread design provides mud evacuation. Angled lugs provide longitudinal adhesion for more efficient loading at the face



SUPER-DEEPENING PATTERN DESIGN

High tread depth L5 provides outstanding tire wear



GREAT PROTECTION

Reinforced belt package: Customized compound dedicated to aggressive conditions

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
17.5R25	TCL03	★	63.0	TL	176A2	14.00/1.5	1400	445	90



TCL04 L5



RESISTANCE, TRACTION AND ADHESION

Classical cut&wear resistant tread compound available



IMPACT & CUT RESISTANT

Reinforced sidewall provides impact&punching resistance



ADHESION & TRACTION

Extra deep tread design provides high reliability at mining and construction applications



Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
20.5R25	TCL04	★★	76.5	TL	193A2/177B	17.00/2.0	1550	520	52
23.5R25	TCL04	★★	85.0	TL	201A2/185B	19.50/2.5	1675	595	40
26.5R25	TCL04	★★	95.0	TL	209A2/193B	22.00/3.0	1800	675	30
29.5R25	TCL04	★★	95.0	TL	216A2/200B	25.00/3.5	1920	750	24



TCS05 E3/L3/G3



PRODUCTIVITY

Load capacity increased by 12% to 15% while maintaining the same inflation pressure

Superior wear and cut resistance



SAFETY & HANDLING IMPROVEMENT

Excellent traction performance

GOOD PATTERN DESIGN

Unique tread design provides good self-cleaning performance

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions (mm) O.D.	Dimensions (mm) S.W.	QNT/40HC
17.5R25	TCS05	★★	27.0	TL	182A2	14.00/1.5	1350	445	90
20.5R25	TCS05	★★	30.0	TL	193A2	17.00/2.0	1490	520	56
23.5R25	TCS05	★★	33.0	TL	201A2	19.50/2.5	1615	595	43
26.5R25	TCS05	★★	37.0	TL	209A2/193B	22.00/3.0	1750	675	35
29.5R25	TCS05	★★	43.0	TL	216A2/200B	25.00/3.5	1875	750	25



TAD01 E4/L4



GOOD LONG-TERM INVESTMENT

Long-lasting, even-wearing tread pattern

Deeper tread provides longer tire life



MORE PRODUCTIVITY POTENTIAL

Low heat generation & cut resistance tread compound

Tear & punching resistant sidewall reduces failure under rugged conditions



EXCELLENT TRACTION

Maneuverability on soft or muddy soil with proven flotation and traction thanks to a high-performance tread pattern

Excellent self-cleaning performance

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions (mm) O.D.	S.W.	QNT/40HC
26.5R25	TAD01	★★	52.0	TL	193B	22.00/3.0	1800	675	35
29.5R25	TAD01	★★	57.0	TL	200B	25.00/3.5	1920	750	24



TAD02 E4/L4

**OUTSTANDING TIRE LIFE AND
EXCEPTIONAL RESISTANCE
TO AGGRESSION**



**OUTSTANDING TIRE
LIFE**

Deeper tread pattern and
more rubber to be worn



**BETTER AGGRESSION
RESISTANCE**

Protective shield on the
crown and sidewalls and
more mass metal on the
summit

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
29.5R25	TAD02	★★	65.0	TL	216A2/200B	25.00/3.5	1920	750	24



TCU01 L5S



PROTECTED CASING

Super strong carcass and reinforced bead provide high impact loading capacity



EXCELLENT ADHESION

Smooth ultra deep tread specifically designed for underground mining operations

Cut resistant compound for tread and tear&punch resistant compound for sidewall



REDUCE YOUR DOWNTIME AND YOUR MAINTENANCE COSTS IN THE MOST EXTREME CONDITIONS

Robust shoulders with sidewall protection



SMOOTH, DEEP TREAD

Increase tyre life-span

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions (mm) O.D	Dimensions (mm) S.W.	QNT/40HC
17.5R25	TCU01	★★	76.5	TL	182A2/167B	14.00/1.5	1400	445	72
23.5R25	TCU01	★★	87.0	TL	201A2/185B	19.50/2.5	1675	595	40
26.5R25	TCU01	★★	95.0	TL	209A2/193B	22.00/3.0	1800	675	35
18.00R25	TCU01	★★	80.0	TL	206A2/189B	13.00/2.5	1675	500	43



TCD01 E4



Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
18.00R33	TCD01	★★	52.0	TL	191B	13.00/2.5	1875	500	38
21.00R35	TCD01	★★	59.0	TL	201B	15.00/3.5	2050	570	26
24.00R35	TCD01	★★	66.0	TL	209B	17.00/3.5	2170	655	22



INCREASED TYRE LIFE

The deepest tread depth on the market and high tread saturation provides extended tire life



HIGH RESISTANCE TO AGGRESSION

Additional sidewall protection band increases sidewall impact resistance

Reinforced casing and bead for high loading efficiency

Cut / heat resistant compound option available for various job-site conditions



EXCEPTIONAL TRACTION AND GRIP

Super traction pattern design, high self-cleaning performance.

NEW**TCD02 E4**

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	COMPOUND	QTY/400T
27.00R49	TCD02	★★	72.0	TL	240A2/215B	19.50/4.0	2700	735	S1/C1/H1	12
33.00R51	TCD02	★★	82.0	TL	253A2/235B	24.00/5.0	3060	895	S1/C1/H1	8
37.00R57	TCD02	★★	86.0	TL	261A2/246B	27.00/6.0	3440	1015	S1/C1/H1	6
40.00R57	TCD02	★★	86.0	TL	268A2/250B	29.00/6.0	3595	1095	S1/C1/H1	6
46/90R57	TCD02	★★	96.0	TL	269A2/252B	32.00/6.0	3595	1170	S1/C1/H1	6

SUPER TRACTION PATTERN DESIGN

1. High self-cleaning performance
- 2.Extra sidewall protection and tear resistant compound provide anti-punching performance.

**TCD03 E4**

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	COMPOUND	QTY/400T
33.00R51	TCD03	★★	90.0	TL	235B	24.00/5.0	3030	920	S1/C1/H1	8
40.00R57	TCD03	★★	96.0	TL	250B	29.00/6.0	3560	1097	S1/C1/H1	6

LONGER TIRES LIFE DESIGN

1. Deep tread and large pattern provide better grip and stability
2. The tread rubber with low heat generation design effectively increases TKPH/TMPH
3. Unique tread compound lead to lower wear rate and safer in driving



NEW



TC209 E4

 **LONGER TIRES LIFE**

Deeper tread pattern provide longer tires life
Stone ejected design
Effectively protect the tire from cutting

 **REINFORCED CARCASS DESIGN**

Enhanced carcass structure ensures higher load capacity

 **LOW HEAT GENERATION DESIGN**

The design of tire reinforcing rib reduces tire deformation and heat generation

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
14.00R25	TC209	★★★	38.0	TT	188A2/169B	10.00/1.5	1370	375	100
16.00R25	TC209	★★★	42.0	TT/TL	198A2/180B	11.25/2.0	1495	430	66



TC208 E3

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm)		QNT/40HC
							O.D	S.W.	
14.00R25	TC208	★★★	27.0	TT	188A2/169B	10.00/1.5	1370	375	100
16.00R25	TC208	★★★	31.0	TT/TL	198A2/180B	11.25/2.0	1495	430	66
14.00R25	TC208 PRO	★★★	28.0	TT	188A2/169B	10.00/2.0	1370	375	100

Applicable for short distance with speed limited 40km/h , and with the requirements of wear resisting, puncture &cut resistance , preventing tread chunking for all severe rocky and mining surface.



TC207 E3

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm)		QNT/40HC
							O.D	S.W.	
14.00R25	TC207	★★★	27.0	TT	188A2/169B	10.00/2.0	1370	375	100
16.00R25	TC207	★★★	31.0	TT/TL	198A2/180B	11.25/2.0	1495	430	66

Applicable for short distance with speed limited 40km/h , and with the requirements of wear resisting, puncture &cut resistance , preventing tread chunking for all severe rocky and mining surface.



TC202 E3

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
14.00R25	TC202	★★★	30.0	TT	188A2/169B	10.00/1.5	1420	375	100

Applicable for short distance with speed limited 40km/h , and with the requirements of wear resisting, puncture &cut resistance , preventing tread chunking for all severe rocky and mining surface.



TC205 E4

Size	Patterns	Star Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
14.00R25	TC205	★★★	38.0	TT	188A2/169B	10.00/1.5	1370	375	100
16.00R25	TC205	★★★	42.0	TT/TL	198A2/180B	11.25/2.0	1495	430	66

Applicable for short distance with speed limited 40km/h , and with the requirements of wear resisting, puncture &cut resistance , preventing tread chunking for all severe rocky and mining surface.



TCM01



**HARD
GROUND**

For operation on multiple road conditions, especially hard ground



**STRENGTH
RIB**

Strength Rib between two blocks make the pattern stronger



**FOUR BELTS
CONSTRUCTION
DESIGN**

Four belts construction design, for easy heat release



**ANTI-PUNCTURE
PERFORMANCE**

Rubber gauge under groove is 10% thicker than regular design - better anti-puncture performance

Size	Patterns	Ply Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
14.00R20	TCM01	20PR	21.5	TT/TL	164/161G	10.0	1238	370	156
16.00R20	TCM01	22PR	21.5	TT/TL	174/171G	10.0	1343	442	120



TCS01 E7

**ANTI-AGING AND
ANTI-UV RUBBER COMPOUND**



**DESIGNED
FOR SAND**

Optimized tread pattern
specially designed
for sand



**FLOTATION
PATTERN**

Flotation pattern design
and large contact area

Size	Patterns	Ply Rating	Tread Depth (mm)	TT/TL	LI/SS	Standard Rim	Inflation Dimensions(mm) O.D	S.W.	QNT/40HC
525/65R20.5	TCS01	20PR	17.0	TL	173F	17	1200	520	100



HR45

- Designed in special radial tyre ply cord, dimensional stability, low heat-up performance, providing
- must-low-carbon economy solutions for the four-wheel drive, high horsepower tractors and combine.
- Extended tread pattern nose design, protected carcass like an iron rampart.
- Good self-cleaning large lug pattern design, provide excellent traction performance in grip and skid resistance
- Wear puncture-resistant and anti-aging compound to provide super long servicing life.
- Apply to agriculture, forestry tractors, harvesters and other logging skider.

TERCELO PREMIUM RADIAL AGRICULTURAL TYRES FOR GLOBAL FARM

Tyre Size	Tread Pattern Tyre	TRA Code	Rim Size	Tube Type	Inflated Dimensions(mm)		Max Load(kg)	Max. Inflation Pressure(kpa)	Load Versus Speed Index	RCI
OD	SW									
440/65R24	HR45	R1(R1W)	W14L	TL/TT	1182	441	2360	240	138A8	37
480/65R24	HR45	R1(R1W)	W15L	TL/TT	1234	479	2725	240	143A8	38
440/65R28	HR45	R1(R1W)	W14L	TL/TT	1283	441	2575	240	141A8	39
480/65R28	HR45	R1(R1W)	W15L	TL/TT	1335	479	2900	240	145A8	40
540/65R28	HR45	R1(R1W)	W18L	TL/TT	1413	550	3550	240	152A8	41
600/65R28	HR45	R1(R1W)	W18L	TL/TT	1491	591	4125	240	157A8	42
540/65R30	HR45	R1(R1W)	W18L	TL/TT	1464	550	3650	240	153A8	42
540/65R34	HR45	R1(R1W)	W18L	TL/TT	1566	550	3550	240	152A8	43
540/65R38	HR45	R1(R1W)	W18L	TL/TT	1667	550	3650	240	153A8	44
600/65R38	HR45	R1(R1W)	W18L	TL/TT	1745	591	4750	240	162A8	45
650/65R38	HR45	R1(R1W)	DW20B	TL/TT	1813	645	5600	160	160A8	46
650/65R42	HR45	R1(R1W)	DW20B	TL/TT	1913	645	5150	240	168A8	47
650/65R42	HR45	R1(R1W)	DW20B	TL/TT	1913	645	6000	320	170A8	47
320/70R24	HR45	R1(R1W)	W10	TL/TT	1094	319	1250	240	116A8	35
360/70R24	HR45	R1(R1W)	W12	TL/TT	1152	357	1360	240	119A8	36
380/70R24	HR45	R1(R1W)	W12	TL/TT	1190	380	1900	240	125A8	37
380/70R28	HR45	R1(R1W)	W12	TL/TT	1293	380	1750	240	127A8	38
420/70R24	HR45	R1(R1W)	W13	TL/TT	1248	418	1900	160	130A8	38
495/70R24	HR45	R1(R1W)	W16L	TL/TT	1304	499	3875	240	155G	40
420/70R28	HR45	R1(R1W)	W13	TL/TT	1349	418	2060	160	133A8	39
480/70R28	HR45	R1(R1W)	W15L	TL/TT	1421*	479	3450	320	151A8	40
480/70R30	HR45	R1(R1W)	W15L	TL/TT	1478	479	3550	320	152A8	41
480/70R34	HR45	R1(R1W)	W15L	TL/TT	1580	479	2725	160	143A8	43
480/70R34	HR45	R1(R1W)	W15L	TL/TT	1580	479	3000	160	146A8	43
480/70R34	HR45	R1(R1W)	W15L	TL/TT	1580	479	3000	200	146A8	43
480/70R34	HR45	R1(R1W)	W15L	TL/TT	1580	479	3875	320	155A8	43
520/70R38	HR45	R1(R1W)	W16L	TL/TT	1749	516	3350	160	150A8	44
580/70R38	HR45	R1(R1W)	W18L	TL/TT	1827	577	3875	240	155A8	45
710/70R38	HR45	R1(R1W)	DW23A	TL/TT	1959	716	7750	360	179A8	47
800/70R38	HR45	R1(R1W)	DW25A	TL/TT	2085	798	8250	240	181A8	48
710/70R42	HR45	R1(R1W)	DW23A	TL/TT	2061	716	7750	320	179A8	48
620/70R42	HR45	R1(R1W)	DW20B	TL/TT	1980	610	5300	240	166A8	47
620/70R46	HR45	R1(R1W)	DW20B	TL/TT	3036	625	4750	240	167A8	48
480/80R42	HR45	R1(R1W)	DW15A	TL/TT	1835	479	5300	360	150A8	46
480/80R46	HR45	R1(R1W)	DW15A	TL/TT	1936	479	4250	240	158A8	47
480/80R50	HR45	R1(R1W)	DW15A	TL/TT	2038	479	5150	320	165A8	48
480/80R50	HR45	R1(R1W)	DW15A	TL/TT	2038	479	6000	520	177A8	48
280/85R24	HR45	R1(R1W)	W9	TL/TT	1086	282	1215	160	115A8	/
320/85R24	HR45	R1(R1W)	W10	TL/TT	1154	319	1500	160	122A8	/
340/85R24	HR45	R1(R1W)	W11	TL/TT	1188	343	1650	160	125A8	/
380/85R24	HR45	R1(R1W)	W12	TL/TT	1256	380	1950	160	131A8	/
420/85R24	HR45	R1(R1W)	W13	TL/TT	1324	418	2300	160	137A8	/
280/85R28	HR45	R1(R1W)	W9	TL/TT	1187	282	1320	160	118A8	/
320/85R28	HR45	R1(R1W)	W10	TL/TT	1255	319	1600	160	124A8	/
340/85R28	HR45	R1(R1W)	W11	TL/TT	1289	343	1750	160	127A8	/
380/85R28	HR45	R1(R1W)	W12	TL/TT	1357	380	2060	160	133A8	40
420/85R28	HR45	R1(R1W)	W13	TL/TT	1425	418	2430	160	139A8	41
380/85R30	HR45	R1(R1W)	W12	TL/TT	1408	380	2180	160	135A8	41
420/85R30	HR45	R1(R1W)	W13	TL/TT	1475	418	2500	160	140A8	41
460/85R30	HR45	R1(R1W)	W14L	TL/TT	1544	455	2900	160	145A8	/
380/85R34	HR45	R1(R1W)	W12	TL/TT	1510	380	2650	240	142A8	/
420/85R34	HR45	R1(R1W)	W13	TL/TT	1578	418	2650	160	142A8	43
460/85R34	HR45	R1(R1W)	W14L	TL/TT	1646	455	3075	160	147A8	/
420/85R38	HR45	R1(R1W)	W13	TL/TT	1679	418	2800	160	144A8	/
460/85R38	HR45	R1(R1W)	W14L	TL/TT	1747	455	3250	160	149A8	45
520/85R38	HR45	R1(R1W)	DW16L	TL/TT	1849	516	3875	160	155A8	46
650/85R38	HR45	R1(R1W)	DW21	TL/TT	2071	645	7500	320	178A8	48
520/85R42	HR45	R1(R1W)	DW16L	TL/TT	1951	516	5150	240	162A8	47
520/85R42	HR45	R1(R1W)	DW16L	TL/TT	1951	516	5150	280	167A8	47
520/85R42	HR45	R1(R1W)	DW16L	TL/TT	1951	516	5600	320	169A8	47
520/85R42	HR45	R1(R1W)	DW16L	TL/TT	1951	516	5600	320	169D	47
520/85R46	HR45	R1(R1W)	DW16L	TL/TT	2052	516	6500	400	173A8	48
420/90R30	HR45	R1(R1W)	W13	TL/TT	1518	418	3075	240	147A8	42
380/90R46	HR45	R1(R1W)	W12	TL/TT	1852	380	4375	400	159A8	46
380/90R46	HR45	R1(R1W)	W12	TL/TT	1852	380	4375	440	173D	46
480/95R50	HR45	R1(R1W)	DW16B	TL/TT	2182	479	5450	240	167A8	49

Technical Data

Crane Master

Size	TERCELO	Type	TRA Code	Ply Rating	Service Index	Standard Rim	Overall diam. mm (inch)	Overall width mm (inch)	Tread Depth (mm)	Max. Load Capacity					
										10km/h		50km/h		80km/h	
										(kg)	kpa(psi)	(kg)	kpa(psi)	(kg)	kpa(psi)
385/95R25	TCR01	TL	H2	★★★★	170F	10.00/1.5	1370(53.9)	380(15)	23.0	-	-	-	-	6000	900(131)
445/95R25	TCR01	TL	H2	★★★★	177F	11.25/2.0	1480(58.3)	435(19.1)	25.0	-	-	-	-	6700	900(131)
505/95R25	TCR01	TL	H2	★★★★	186E	13.00/2.5	1595(62.8)	495(19.5)	26.0	-	-	9500	900(131)	-	-

Underground Master

Size	TERCELO	Type	TRA Code	Ply Rating	Service Index	Standard Rim	Overall diam. mm (inch)	Overall width mm (inch)	Tread Depth (mm)	Max. Load Capacity					
										10km/h		50km/h		80km/h	
										(kg)	kpa(psi)	(kg)	kpa(psi)	(kg)	kpa(psi)
17.5R25	TCU01	TL	L5S	★★	182A2/167B	14.00/1.5	1400(55.1)	445(17.5)	76.5	8500	600(87)	5450	475(69)	-	-
23.5R25	TCU01	TL	L5S	★★	195A2/185B	19.50/2.5	1675(65.9)	595(23.4)	87.0	12150/	600(87)	9250	475(69)	-	-
26.5R25	TCU01	TL	L5S	★★	202A2/193B	22.00/3.0	1800(70.9)	675(26.6)	95.0	15000	600(87)	11500	475(69)	-	-
18.00R25	TCU01	TL	L5S	★★	204A2/185B	13.00/2.5	1675	500	80.0	16000	600(87)	9250	475(69)	-	-

RDT Master

Size	TERCELO	Type	TRA Code	Ply Rating	Service Index	Standard Rim	Overall diam. mm (inch)	Overall width mm (inch)	Tread Depth (mm)	Max. Load Capacity					
										10km/h		50km/h		80km/h	
										(kg)	kpa(psi)	(kg)	kpa(psi)	(kg)	kpa(psi)
18.00R33	TCD01	TL	E4	★★	191B	13.00/2.5	1875(73.8)	500(19.6)	52.0	-	-	10900	-	-	-
21.00R35	TCD01	TL	E4	★★	201B	15.00/3.0	2050(80.7)	570(22.4)	59.0	-	-	14500	-	-	-
24.00R35	TCD01	TL	E4	★★	209B	17.00/3.5	2175(85.6)	655(25.7)	66.0	-	-	18500	-	-	-
27.00R49	TCD02	TL	E4	★★	240A2/215B	19.50/4.0	2700(106.3)	735(28.9)	72.0	45000	800(116)	27250	650(94)	-	-
33.00R51	TCD02	TL	E4	★★	253A2/235B	24.00/5.0	3060(119.3)	895(35.2)	82.0	65000	800(116)	38750	650(94)	-	-
37.00R57	TCD02	TL	E4	★★	261A2/246B	27.00/6.0	3440(120.4)	1015(39.9)	86.0	82500	800(116)	53000	725(105)	-	-
40.00R57	TCD02	TL	E4	★★	268A2/250B	29.00/6.0	3595(135.4)	1095(43.1)	86.0	100000	800(116)	60000	725(105)	-	-
46/90R57	TCD02	TL	E4	★★	269A2/252B	29.00/6.0	3595(141.5)	1170(46.0)	96.0	103000	800(116)	63000	700(102)	-	-
33.00R51	TCD03	TL	E4	★★	-	24.00/5.0	3030	-	90.0	65000	143300	38750	85430	-	-
40.00R57	TCD03	TL	E4	★★	-	29.00/6.0	3560	-	96.0	100000	220460	60000	132275	-	-

ADTs, Loaders, Dozers,Graders Master

Size	TERCELO	Type	TRA Code	Ply Rating	Service Index	Standard Rim	Overall diam. mm (inch)	Overall width mm (inch)	Tread Depth (mm)	Max. Load Capacity					
										10km/h		50km/h		80km/h	
										(kg)	kpa(psi)	(kg)	kpa(psi)	(kg)	kpa(psi)
17.5R25	TCL01	TL	E3/L3	★★	182A2/167B	14.00/1.5	1350(53.1)	445(17.5)	26.5	8500	600(87)	5450	475(69)	-	-
20.5R25	TCL01	TL	E3/L3	★★	193A2/177B	17.00/2.0	1490(58.7)	520(20.5)	32.0	11500	600(87)	7300	475(69)	-	-
23.5R25	TCL01	TL	E3/L3	★★	201A2/185B	19.50/2.5	1615(63.6)	595(23.4)	35.0	14500	600(87)	9250	475(69)	-	-
26.5R25	TCL01	TL	E3/L3	★★	209A2/193B	22.00/3.0	1750(68.9)	675(26.6)	40.0	18500	600(87)	11500	475(69)	-	-
29.5R25	TCL01	TL	E3/L3	★★	216A2/200B	25.00/3.5	1875(73.8)	750(29.5)	40.0	22400	600(87)	14000	475(69)	-	-
26.5R25	TAD01	TL	E4/L4	★★	193B	22.00/3.0	1800(70.9)	675(26.6)	52.0	7100	475(69)	-	-	-	-
29.5R25	TAD01	TL	E4/L4	★★	200B	25.00/3.5	1920(75.6)	750(29.5)	57.0	11500	600(87)	7300	475(69)	-	-
29.5R25	TAD02	TL	E4/L4	★★	216A2/200B	25.00/3.5	1920(75.6)	750(29.5)	65.0	14500	600(87)	9250	475(69)	-	-
17.5R25	TCL05	TL	L3/G3	★★	182A2/167B	14.00/1.5	1350(53.1)	445(17.5)	27.0	8500	600(87)	5450	475(69)	-	-
20.5R25	TCL05	TL	L3/G3	★★	193A2/177B	17.00/2.0	1490(58.7)	520(20.5)	30.0	11500	600(87)	7300	475(69)	-	-
23.5R25	TCL05	TL	L3/G3	★★	201A2/185B	19.50/2.5	1615(63.6)	595(23.4)	33.0	14500	600(87)	9250	475(69)	-	-
26.5R25	TCL05	TL	E3/L3/G3	★★	209A2/193B	22.00/3.0	1750(68.9)	675(26.6)	27.0	18500	600(87)	11500	475(69)	-	-
29.5R25	TCL05	TL	E3/L3/G3	★★	216A2/200B	25.00/3.5	1875(73.8)	750(29.5)	43.0	22400	600(87)	14000	475(69)	-	-
17.5R25	TCL03	TL	L5	★	176A2	14.00/1.5	1400(55.1)	445(17.5)	63.0	18500	600(87)	11500	475(69)	-	-
20.5R25	TCL04	TL	L5	★★	193A2/177B	17.00/2.0	1550(61)	520(20.5)	76.5	22400	600(87)	14000	475(69)	-	-
23.5R25	TCL04	TL	L5	★★	201A2/185B	19.50/2.5	1675(65.9)	595(23.4)	85.0	11500	525(76)	-	-	-	-
26.5R25	TCL04	TL	L5	★★	209A2/193B	22.00/3.0	1800(70.9)	675(26.6)	95.0	14000	525(76)	-	-	-	-
29.5R25	TCL04	TL	L5	★★	216A2/200B	25.00/3.5	1920(75.6)	750(29.5)	95.0	22400	600(87)	14000	475(69)	-	-
14.00R24	TGR01	TL	G2	★	153 A8	8.00/1.4	1350(53.1)	360(14.2)	25.5	3650	375(54)	-	-	-	-
17.5R25	TGR01	TL	G2	★	153 A8	14.00/1.5	1350(53.1)	445(17.5)	27.0	3650	300(44)	-	-	-	-

Mining Truck Master

Size	TERCELO	Type	TRA Code	Ply Rating	Service Index	Standard Rim	Overall diam. mm (inch)	Overall width mm (inch)	Tread Depth (mm)	Max. Load Capacity					
										10km/h		50km/h		80km/h	
										(kg)	kpa(psi)	(kg)	kpa(psi)	(kg)	kpa(psi)
14.00R25	TC208	TT	E3	★★★★	-	10.00/1.5	1370	-	27.0	10000	22045	5800	12790	-	-
14.00R25	TC208PRO	TT	E3	★★★★	-	10.00/1.5	1370	-	28.0	10000	22045	5800	12790	-	-
14.00R25	TC207	TT	E3	★★★★	-	10.00/1.5	1370	-	27.0	10000	22045	5800	12790	-	-
14.00R25	TC202	TT	E3	★★★★	-	10.00/1.5	1370	-	30.0	10000	22045	5800	12790	-	-
14.00R25	TC209	TT	E4	★★★★	-	10.00/1.5	1370	-	38.0	10000	22045	5800	12790	-	-
16.00R25	TC207	TT/TL	E3	★★★★	-	11.25/2.0	1495	-	31.0	13200	29100	8000	17640	-	-
16.00R25	TC208	TT/TL	E3	★★★★	-	11.25/2.0	1495	-	31.0	13200	29100	8000	17640	-	-
16.00R25	TC205	TT/TL	E4	★★★★	-	11.25/2.0	1495	-	42.0	13200	29100	8000	17640	-	-
16.00R25	TC209	TT/TL	E4	★★★★	-	11.25/2.0	1495	-	42.0	13200	29100	8000	17640	-	-

AIR PRESSURE RECOMMENDATION TABLE

Application	Size	Patterns	TRA Code	10km/h		Max. Load Capacity		80km/h		90km/h		10km/h		Pressure		80km/h		90km/h	
						50km/h	70km/h							50km/h	70km/h				
				kg	lb	kg	lb	kg	lb	kg	lb	kpa	psi	kpa	psi	kpa	psi	kpa	psi
Crane	385/95R25	TCR01	H2	-	-	-	-	6000	13230	-	-	-	-	-	-	900	131	-	-
Crane	445/95R25	TCR01	H2	-	-	-	-	6700	14770	-	-	-	-	-	-	900	131	-	-
Crane	505/95R25	TCR01	H2	-	-	-	-	9500	20945	-	-	-	-	-	900	131	-	-	-
Loader and Dozer	17.5R25	TCL01	E3/L3/G3	8500	18740	5450	12015	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	20.5R25	TCL01	E3/L3/G3	11500	25350	7300	16095	-	-	-	-	600	87	475	69	-	-	-	-
ADT, Loader and Dozer	23.5R25	TCL01	E3/L3/G3	14500	31965	9250	20390	-	-	-	-	600	87	475	69	-	-	-	-
ADT, Loader and Dozer	26.5R25	TCL01	E3/L3/G3	18500	40785	11500	25350	-	-	-	-	600	87	475	69	-	-	-	-
ADT, Loader and Dozer	29.5R25	TCL01	E3/L3/G3	22400	49380	14000	30865	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	17.5R25	TCL03	L5	7100	15650	-	-	-	-	-	-	475	69	-	-	-	-	-	-
Loader and Dozer	20.5R25	TCL04	L5	11500	25350	7300	16095	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	23.5R25	TCL04	L5	14500	31965	9250	20390	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	26.5R25	TCL04	L5	18500	40785	11500	25350	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	29.5R25	TCL04	L5	22400	49380	14000	30865	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	17.5R25	TCL05	L3/G3	8500	18740	5450	12015	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	20.5R25	TCL05	L3/G3	11500	25350	7300	16095	-	-	-	-	600	87	475	69	-	-	-	-
Loader and Dozer	23.5R25	TCL05	L3/G3	14500	31965	9250	20390	-	-	-	-	600	87	475	69	-	-	-	-
ADT, Loader and Dozer	26.5R25	TCL05	E3/L3/G3	18500	40785	11500	25350	-	-	-	-	600	87	475	69	-	-	-	-
ADT, Loader and Dozer	29.5R25	TCL05	E3/L3/G3	22400	49380	14000	30865	-	-	-	-	600	87	475	69	-	-	-	-
ADT, Loader and Dozer	26.5R25	TAD01	E4/L4	-	-	11500	25350	-	-	-	-	-	475	69	-	-	-	-	-
ADT, Loader and Dozer	29.5R25	TAD01	E4/L4	-	-	14000	30865	-	-	-	-	-	475	69	-	-	-	-	-
ADT, Loader and Dozer	29.5R25	TAD02	E4/L4	22400	49380	14000	30865	-	-	-	-	600	87	475	69	-	-	-	-
Graders	14.00R24	TGR01	G2	3650	8045	-	-	-	-	-	-	375	54	-	-	-	-	-	-
Graders	17.5R25	TGR01	G2	3650	8045	-	-	-	-	-	-	300	44	-	-	-	-	-	-
Underground Vehicle	17.5R25	TCU01	L5S	8500	18740	5450	12015	-	-	-	-	600	87	475	69	-	-	-	-
Underground Vehicle	23.5R25	TCU01	L5S	14500	31965	9250	20390	-	-	-	-	600	87	475	69	-	-	-	-
Underground Vehicle	26.5R25	TCU01	L5S	18500	40785	11500	25350	-	-	-	-	600	87	475	69	-	-	-	-
Underground Vehicle	18.00R25	TCU01	L5S	16000	35275	9250	20390	-	-	-	-	800	116	650	94	-	-	-	-
Mining Truck	14.00R25	TC208	E3	10000	22045	5800	12790	-	-	-	-	950	138	700	102	-	-	-	-
Mining Truck	14.00R25	TC208PRO	E3	10000	22045	5800	12790	-	-	-	-	950	138	700	102	-	-	-	-
Mining Truck	14.00R25	TC207	E3	10000	22045	5800	12790	-	-	-	-	950	138	700	102	-	-	-	-
Mining Truck	14.00R25	TC202	E3	10000	22045	5800	12790	-	-	-	-	950	138	700	102	-	-	-	-
Mining Truck	14.00R25	TC209	E4	10000	22045	5800	12790	-	-	-	-	950	138	700	102	-	-	-	-
Mining Truck	16.00R25	TC207	E3	13200	29100	8000	17640	-	-	-	-	900	131	800	116	-	-	-	-
Mining Truck	16.00R25	TC208	E3	13200	29100	8000	17640	-	-	-	-	900	131	800	116	-	-	-	-
Mining Truck	16.00R25	TC205	E4	13200	29100	8000	17640	-	-	-	-	900	131	800	116	-	-	-	-
Mining Truck	16.00R25	TC209	E4	13200	29100	8000	17640	-	-	-	-	900	131	800	116	-	-	-	-
Rigid Dump Truck	18.00R33	TC001	E4	-	-	10900	24030	-	-	-	-	-	700	102	-	-	-	-	-
Rigid Dump Truck	21.00R35	TC001	E4	-	-	14500	31970	-	-	-	-	-	650	94	-	-	-	-	-
Rigid Dump Truck	24.00R35	TC001	E4	-	-	18500	40785	-	-	-	-	-	650	94	-	-	-	-	-
Rigid Dump Truck	27.00R49	TC002	E4	45000	99205	27250	60075	-	-	-	-	800	116	650	94	-	-	-	-
Rigid Dump Truck	33.00R51	TC002	E4	65000	143300	38750	85430	-	-	-	-	800	116	650	94	-	-	-	-
Rigid Dump Truck	37.00R57	TC002	E4	82500	181880	51500	113540	-	-	-	-	825	120	700	102	-	-	-	-
Rigid Dump Truck	40.00R57	TC002	E4	100000	220460	60000	132275	-	-	-	-	825	120	700	102	-	-	-	-
Rigid Dump Truck	46/90R57	TC002	E4	103000	227070	63000	138890	-	-	-	-	825	120	700	102	-	-	-	-
Rigid Dump Truck	33.00R51	TC003	E4	65000	143300	38750	85430	-	-	-	-	800	116	650	94	-	-	-	-
Rigid Dump Truck	40.00R57	TC003	E4	100000	220460	60000	132275	-	-	-	-	825	120	700	102	-	-	-	-
Truck	14.00R20	TCM01	E2	-	-	-	-	-	-	-	5000/4625 11020/10200	-	-	-	-	-	-	790	115
Truck	16.00R20	TCM01	E2	-	-	-	-	-	-	-	6700/6150 14770/13560	-	-	-	-	-	-	760	110
Truck	525/65R20.5	TC501	E7	-	-	-	-	-	-	-	6500 14330	-	-	-	-	-	-	800	116

TKPH(TON-KM-PER-HOUR) RATING TABLE

AT 38 °C AMBIENT TEMPERATURE

* At 38°C ambient temprerature
* The speed is limited to 50km/h.

Size	Pattern	Tra Code	Tkph					
			H2	H1	S3	S2	S1	C1
385/95R25	TCR01	H2	-	195	-	-	-	-
445/95R25	TCR01	H2	-	255	-	-	-	-
505/95R25	TCR01	H2	-	300	-	-	-	-
14.00R25	TC202	E3	-	120	-	-	100	83
14.00R25	TC205	E4	-	120	-	-	100	83
14.00R25	TC207	E3	-	130	-	-	110	90
14.00R25	TC208 PRO	E3	-	125	-	-	105	85
14.00R25	TC208	E3	-	125	-	-	105	85
14.00R25	TC209	E4	-	120	-	-	100	83
16.00R25	TC205	E4	-	160	-	-	150	110
16.00R25	TC207	E3	-	170	-	-	160	120
16.00R25	TC208	E3	-	165	-	-	155	115
16.00R25	TC209	E4	-	160	-	-	150	110
20.5R25	TCL01	E3	-	-	-	-	150	120
20.5R25	TCL05	E3	-	-	-	-	160	130
23.5R25	TCL01	E3	-	-	-	-	170	145
23.5R25	TCL05	E3	-	-	-	-	180	150
26.5R25	TCL01	E3	-	-	-	-	190	155
26.5R25	TCL05	E3	-	-	-	-	190	155
26.5R25	TAD01	E4	-	-	-	-	150	125
29.5R25	TCL01	E3	-	-	-	-	210	165
29.5R25	TCL05	E3	-	-	-	-	210	165
29.5R25	TAD01	E4	-	-	-	-	175	135
29.5R25	TAD02	E4	-	-	-	-	170	130
18.00R33	TC001	E4	-	-	-	-	190	160
21.00R35	TC001	E4	-	-	-	-	280	230
24.00R35	TC001	E4	-	-	-	-	350	280
27.00R49	TC002	E4	650	600	560	530	500	415
33.00R51	TC002	E4	810	750	700	660	620	510
37.00R57	TC002	E4	1000	955	860	790	720	650
40.00R57	TC002	E4	1050	970	880	805	740	670
46/90R57	TC002	E4	1050	1000	910	830	770	700
33.00R51	TC003	E4	700	675	630	595	560	460
40.00R57	TC003	E4	900	870	790	730	670	600

STAR LEVEL COMPARISON

Application	Sizes	Star Rating	corresponding to Ply Rating
Earthmover	14.00R25	★★★★	up to 32
	16.00R25	★★★★	up to 36
	18.00R25	★★★★	up to 40
	18.00R25	★★★	up to 36
	18.00R33	★★★	up to 40
	21.00R35	★★★	up to 44
	24.00R35	★★★	up to 48
	27.00R49	★★★	up to 54
	33.00R51	★★★	up to 64
	37.00R57	★★★	up to 74
	40.00R57	★★★	up to 74
	46/90R57	★★★	up to 74
	17.5R25	★★★	up to 20
	20.5R25	★★★	up to 28
	23.5R25	★★★	up to 32
	26.5R25	★★★	up to 32
	29.5R25	★★★	up to 34
Grader	14.00R24	★★	up to 20
	17.5R25	★★	up to 20
Loader	17.5R25	★★	up to 16
	17.5R25	★★★	up to 20
	20.5R25	★★★	up to 28
	23.5R25	★★★	up to 32
	26.5R25	★★★	up to 36
	29.5R25	★★★	up to 34

COMPOUNDS DESCRIPTION

Type compound	Applicable Road condition
S1 Standard Compound	1)Soft ore or some hard ore 2)Moderate surface temperature 3)Long haul distance 4)Fast driving speed 5)Good on-site maintenance
H1 Low Heat Generation Compound	1)Soft ore 2)high surface temperature, 3) Long haul distance 4) Fast driving speed 5) Good on-site maintenance
C1 Cut Resistant Compound	1)Hard ore 2)Low surface temperature 3)Short transportation distance (about 3km) 4) Driving speed no more than 30km / h 5)General on-site maintenance