



HCM (High Capacity Municipal)

The ultimate tire choice this winter.

Mitas Steel Belted Radial Tires



 Trelleborg Wheel Systems is fully compliant with the limits on Polycyclic Aromatic Hydrocarbons (PAHs) determined by the European Directive EC/2005/69 and REACH Regulation EC/1907/2006, since December 1st 2009.

Trelleborg Wheel Systems Americas, Inc.
570 Trelleborg Drive, Spartanburg, SC 29301
Toll Free Phone Number: 1-866-633-8473
www.mitas-tires.com/en-us

© TWS CZ 07/2021/MagC7 | Subject to technical amendments, printing errors and mistakes in text or illustrations



mitas-tires.com

mitas-tires.com





HCM

Feature	Score
LOAD CAPACITY	4.0
TRACTION	4.5
SELF-CLEANING	4.5
HANDLING ON ROAD	4.0
COST EFFICIENCY	4.0

HCM (High Capacity Municipal)

All-purpose quiet running tire
for all terrains and applications

Particularly suitable for municipal and road maintenance tractors and equipment.
Designed for **all-season use and excellent for winter traction.**

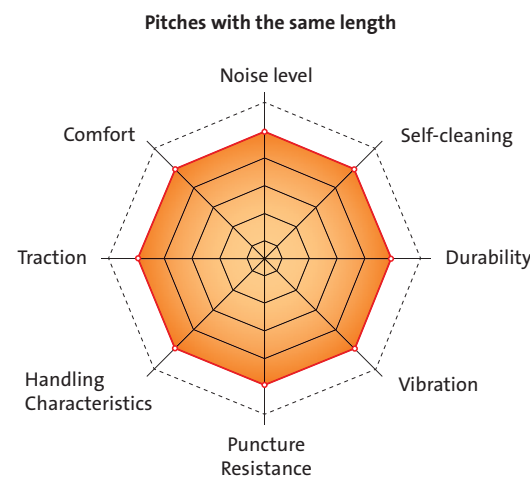
 **High durability** due to steel belted radial construction and unique design of tread pattern in the crown area.

 **Exceptional traction** characteristics incorporating an innovative lug design to increase grip on a wide range of surfaces. The tire has a specifically developed soft compound to work on low temperatures and icy surfaces.

 Excellent self-cleaning and very good steering characteristics.

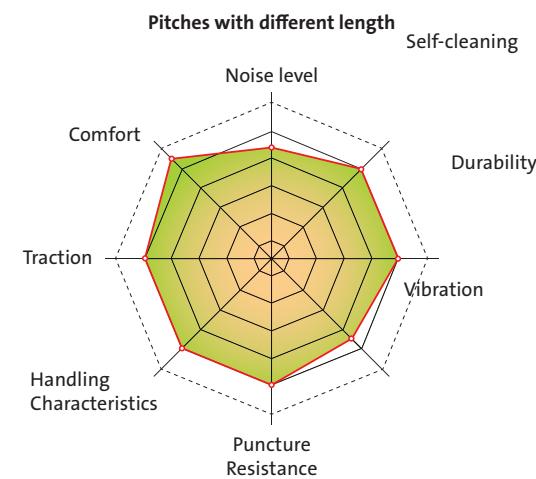


Low noise emission and vibration characteristics due to utilizing the randomization design process that varies the lug pitches, lug lengths and lug alignment for a quieter and smoother ride.



Municipal tires – reduction of noise emission

The same length of pitches – spectrum comprises periodic lines with high amplitude (all noise concentrated into multiple repeated basic frequency – formation of disturbing noise).



Different length of pitches and their alignment gives a spectrum with low amplitude – noise is divided into whole frequency range – reduction of disturbing noise.



HCM – Technical data and load capacities

Tire size Service Description LJ/SS	Permitted rims	Tire section width (inch)	Tire outer diameter (inch)	Static loaded radius (inch)	Rolling circum- ference (inch)	Tread depth (32nd)	RCI	Flat plate (sq. inch)	Number of lugs x 2	Tire weight (lbs)	Tire load capacity (lbs) at tire pressure (psi)							Speed (mph)
											17	23	29	35	41	46	58	
340/80 R 18 IND 138 D (143 A8)	11 W 10 W 11 W 12, 12	13.6 13.2 13.6 14.0	39.3	18.1	118.7	31	34	96	46	127	2,040	2,500	2,970	3,380	3,850	4,320	5,200	40
											2,190	2,700	3,210	3,660	4,160	4,660	5,520	31
											2,350	2,890	3,430	3,900	4,440	4,980	6,000	25
											2,440	3,000	3,560	4,070	4,630	5,190	6,250	19
											2,560	3,140	3,740	4,260	4,850	5,440	6,550	12
											2,930	3,610	4,280	4,880	5,560	6,230	7,510	6
360/80 R 20 IND 147 A8)	11 W 10 W 11 W 12, 12	14.3 13.9 14.3 14.7	42.6	19.5	128.1	31	36	146	44	143	2,350	2,890	3,430	3,900	4,440	4,980	6,000	40
											2,540	3,120	3,700	4,220	4,810	5,390	6,490	31
											2,650	3,250	3,870	4,410	5,020	5,620	6,840	25
											2,760	3,380	4,020	4,590	5,230	5,850	7,060	19
											2,880	3,550	4,210	4,810	5,470	6,130	7,390	12
											3,310	4,070	4,830	5,510	6,270	7,030	8,480	6
360/80 R 24 IND 139 D (144 A8)	DW 11 DW 10, W 10 W 11 DW 12, W 12	14.2 13.8 14.2 14.6	46.6	21.5	140.6	31	38	161	46	163	2,510	3,110	3,640	4,230	4,770	5,360	40	
											2,720	3,360	3,940	4,580	5,150	5,790	6,490	31
											2,900	3,580	4,200	4,870	5,490	6,150	6,850	25
											3,020	3,730	4,370	5,070	5,710	6,420	7,190	19
											3,160	3,900	4,580	5,310	5,990	6,730	7,510	12
											3,630	4,480	5,250	6,100	6,870	7,720	8,680	6
400/80 R 24 IND 144 D (149 A8)	DW 13 DW 12, W 12 W 13 DW 14 L, W 14 L	16.0 15.6 16.0 16.4	49.3	22.6	148.4	37	38	173	42	207	2,900	3,580	4,200	4,870	5,490	6,150	40	
											3,130	3,870	4,530	5,270	5,930	6,670	7,450	31
											3,370	4,160	4,870	5,670	6,380	7,150	7,990	25
											3,510	4,320	5,070	5,890	6,640	7,450	8,290	19
											3,670	4,500	5,310	6,170	6,960	7,780	8,620	12
											4,210	5,200	6,100	7,080	7,980	8,960	10,000	6
440/80 R 24 IND 149 D (154 A8)	DW 14 L W 15 L, DW 15 L	18.3 18.7	51.9	23.6	155.7	37	39	195	42	242	3,370	4,160	4,870	5,670	6,380	7,150	40	
											3,640	4,490	5,260	6,120	6,890	7,740	8,600	31
											3,890	4,800	5,620	6,540	7,360	8,250	9,160	25
											4,050	4,980	5,840	6,790	7,650	8,600	9,570	19
											4,230	5,230	6,130	7,120	8,030	9,020	10,020	12
											4,860	6,000	7,030	8,170	9,210	10,340	11,460	6
360/80 R 28 IND 141 D (146 A8)	DW 11 W 11 DW 12, W 12 DW 13, W 13	14.3 14.3 14.7 15.1	50.6	23.4	153.1	37	39	155	44	192	2,670	3,300	3,860	4,490	5,050	5,680	40	
											2,880	3,550	4,170	4,840	5,460	6,130	6,810	31
											3,110	3,840	4,500	5,230	5,890	6,600	7,320	25
											3,230	3,990	4,670	5,440	6,120	6,880	7,650	19
											3,380	4,180	4,910	5,700	6,420	7,210	8,000	12
											3,890	4,800	5,620	6,540	7,360	8,270	9,160	6
400/80 R 28 IND 146 D (151 A8)	DW 13 DW 12, 12 W 13 DW 14 L, W 14 L	16.1 15.7 16.1 16.5	53.3	24.6	161.0	37	40	176	42	225	3,110	3,840	4,500	5,230	5,890	6,600	40	
											3,230	3,990	4,670	5,440	6,120	6,880	7,650	31
											3,380	4,180	4,910	5,700	6,420	7,210	8,000	25
											3,890	4,800	5,620	6,540	7,360	8,270	9,160	19
											3,110	3,840	4,500	5,230	5,890	6,600	7,320	12
											3,360	4,150	4,860	5,640	6,360	7,140	7,920	6
440/80 R 28 IND 151 D (156 A8)	DW 14 L DW 15 L DW 16 L	17.9 18.3 18.7	55.6	26.6	167.7	37	41	211	42	264	3,570	4,410	5,170	6,010	6,770	7,600	40	
											3,860	4,760	5,590	6,490	7,310	8,210	9,100	31
											4,150	5,120	6,000	6,970	7,850	8,800	9,750	25
											4,310	5,330	6,240	7,240	8,160	9,170	10,190	19
											4,520	5,580	6,540	7,600	8,560	9,610	10,660	12
											5,180	6,390	7,500	8,710	9,810	11,030	12,260	6
440/80 R 30 IND 153 D (157 A8)	DW 14 L DW 15 L DW 16 L	17.4 17.8 18.2	57.7	26.4	173.4	40	42	214	46	277	3,780	4,660	5,470	6,360	7,170	8,050	40	
											4,080	5,040	5,910	6,870	7,730	8,690	9,650	31
											4,280	5,280	6,190	7,190	8,090	9,100	10,100	25
											4,440	5,490	6,430	7,470	8,420	9,460	10,500	19
											4,660	5,740	6,740	7,830	8,820	9,910	11,000	12
											5,350	6,590	7,730	8,970	10,120	11,370	12,620	6
540/65 R 30 IND 156 D (161 A8)	DW 18 L DW 16 L, W 16 L DW 18 L	21.5 20.7 21.5	57.6	26.6	174.0	38	42	333	46	319	4,150	5,120	6,000	6,970	7,850	8,800	40	
											4,480	5,520	6,480	7,530	8,480	9,530	10,580	31
											4,800	5,920	6,930	8,060	9,070	10,200	11,330	25
											4,980	6,150	7,210	8,380	9,440	10,610	11,780	19
											5,230	6,450	7,550	8,780	9,890	11,010	12,140	12
											5,990	7,390	8,670	10,070	11,340	12,740	14,140	6
440/80 R 34 IND 155 D (159 A8)	DW 14 L DW 15 L DW 16 L	18.0 18.3 18.7	61.7	28.3	186.0	40	43	254	46	303	4,010	4,960	5,810	6,750	7,610	8,550	40	
											4,330	5,350	6,270	7,290	8,210	9,230	10,250	31
											4,530	5,600	6,560	7,620	8,590	9,650	10,710	25
											4,720	5,820	6,820	7,930	8,930	10,030	11,130	19
											4,940	6,100	7,160	8,310	9,360	10,520	11,670	12
											5,670	7,000	8,200	9,530	10,740	12,060	13,370	6
480/80 R 34 IND 159 D (164 A8)	DW 15 L DW 18 L	19.4 19.8 20.6	64.4	29.3	193.3	38	43	257	46	336	4,530	5,600	6,560	7,620	8,590	9,650	40	
											4,900	6,040	7,090	8,240	9,270	10,420	11,570	31
											5,290	6,390	7,500	8,710	9,810	11,010	12,210	25
											5,390	6,650	7,790	9,060	10,210	11,470	12,720	19
											5,640	6,970	8,170	9,490	10,690	12,020	13,350	12
											6,480	7,990	9,370	10,890	12,270	13,780	15,290	6
480/80 R 38 IND 161 D (166 A8)	DW 15 L DW 16 L DW 18 L	19.8 20.2 21.0	68.4	31.5	206.5	38	45	281	48	370	4,800	5,920	6,930	8,060	9,070	10,200	40	
											5,180	6,380	7,490	8,700	9,800	11,010	12,210	31
											5,490	6,780	7,950	9,230	10,400	11,700	13,000	25
											5,710	7,040	8,260	9,600	10,820	12,150	13,470	19
											5,990	7,390	8,650	10,050	11,330	12,730	14,130	12
											6,870	8,470	9,930	11,540	13,000	14,610	16,220	6
540/80 R 38 IND 167 D (172 A8)	DW 18 L DW 16 L	22.6 21.9	72.3	33.3	218.1	38	46	342	48	467	5,640	6,970	8,170	9,490	10,690	12,020	40	
											6,480	7,990	9,370	10,890	12,270	13,780	15,290	31
											6,100	7,530	8,820	10,250	11,550	12,980	14,410	25
											6,530	8,060	9,450	10,970	12,360	13,900	15,440	19
											6,790	8,380	9,820	11,410	12,860	14,440	16,020	12
											7,110	8,780	10,300	11,960	13,470	15,140	16,810	6
650/65 R 42 IND 171 D (176 A8)	DW 20 B DW 21 B DW 23 B	25.2 24.4 26.4	75.4	34.7	227.8	43	47	443	46	565	8,160	10,080	11,810	13,720	15,460	17,360	40	
											6,370	7,860	9,220	10,720	12,070	13,600	15,140	31
											6,880	8,490	9,960	11,570	13,030	14,640	16,250	25
											7,350	9,080	10,650	12,370	13,940	15,570	17,200	19
											7,820	9,650	11,070	12,870	14,500	16,380	18,260	12
											8,030	9,900	11,610	13,480	15,190	17,070	19,000	6

All load values are valid for ground slopes up to and including 20% (11°). When operating on slopes greater than 20%, please, contact the manufacturer.
Tubeless tires – may be used with a tube.