

Increase profitability on telescopic handlers and backhoe loaders

MICHELIN XMCL

Radial construction

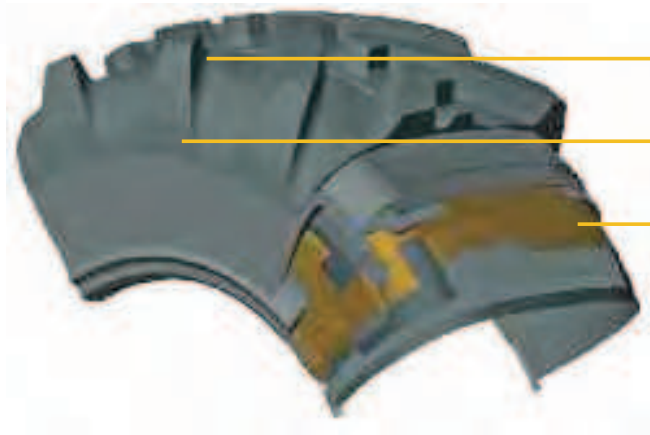


Sizes

11 LR16 122A8 IND TL XM 27
280/80 R18 TL 132A8/132B IND
340/80 R18 TL 143A8/143B IND
280/80 R20 TL 133A8/133B IND
340/80 R20 TL 144A8/144B IND
380/75 R20 TL 148A8/148B IND

400/70 R20 TL 149A8/149B IND
420/75 R20 TL 154A8/154B IND
440/80 R24 TL 161A8/161B IND
460/70 R24 TL 159A8/159B IND
500/70 R24 TL 164A8/164B IND
480/80 R26 TL 160A8/160B IND

440/80 R28 TL 156A8/156B IND

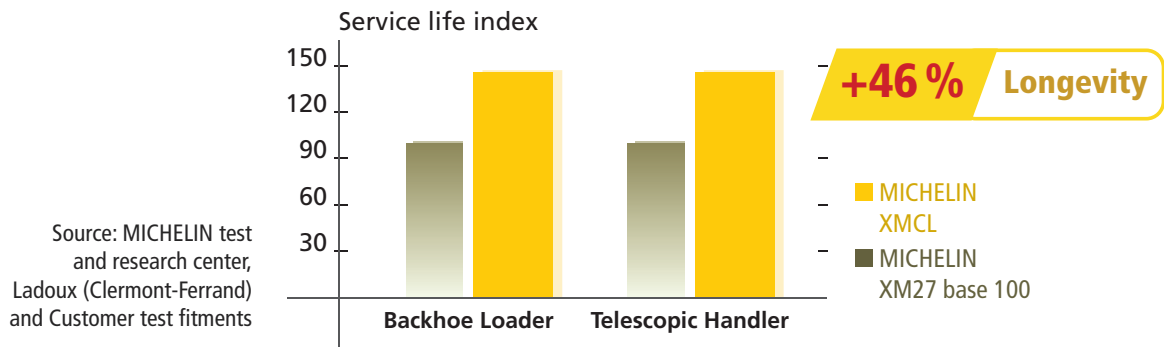


Deep and wide lugs

Reinforced sidewalls

Protective steel crown plies

■ Up to 46% longer wear life



■ Precision comfort on loading

- Radial construction
- Protective steel crown plies

MICHELIN XMCL™

Technical Data

11 LR16 122A8 IND TL XM27™																											
MSPN : 13902			CAI : 123207																								
Load per tire				See notes on page 14 for guidance on correct application of these load / pressure tables.																							
25 mph	20 mph	6 mph	Pressure	<table border="1"> <thead> <tr> <th colspan="4">Tire Technical Data</th> </tr> <tr> <th colspan="2">Unloaded Dimensions</th> <th colspan="2">Loaded Dimensions</th> </tr> <tr> <th>Overall Width</th> <th>Overall Diameter</th> <th>Loaded Radius</th> <th>Rolling Circumference</th> </tr> </thead> <tbody> <tr> <td>11.5 in</td> <td>33.5 in</td> <td>14.8 in</td> <td>99.0 in</td> </tr> <tr> <td>291 mm</td> <td>850 mm</td> <td>375 mm</td> <td>2,515 mm</td> </tr> </tbody> </table>				Tire Technical Data				Unloaded Dimensions		Loaded Dimensions		Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	11.5 in	33.5 in	14.8 in	99.0 in	291 mm	850 mm	375 mm	2,515 mm
Tire Technical Data																											
Unloaded Dimensions		Loaded Dimensions																									
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference																								
11.5 in	33.5 in	14.8 in	99.0 in																								
291 mm	850 mm	375 mm	2,515 mm																								
40 km/h	30 km/h	10 km/h																									
1,710 lbs	1,830 lbs	2,500 lbs	15 psi	Rims (preferred in bold) W8 W10L Tube MSPN 88426 Tube CAI 171108 Minimum Dual/Triple Spacing 15.2 in 386 mm																							
775 kgs	830 kgs	1,135 kgs	1.0 bar																								
1,940 lbs	2,070 lbs	2,790 lbs	17 psi																								
880 kgs	940 kgs	1,265 kgs	1.2 bar																								
2,160 lbs	2,330 lbs	3,080 lbs	20 psi																								
980 kgs	1,055 kgs	1,395 kgs	1.4 bar																								
2,390 lbs	2,570 lbs	3,370 lbs	23 psi																								
1,085 kgs	1,165 kgs	1,530 kgs	1.6 bar																								
2,620 lbs	2,810 lbs	3,660 lbs	26 psi																								
1,190 kgs	1,275 kgs	1,660 kgs	1.8 bar																								
2,850 lbs	3,050 lbs	3,950 lbs	29 psi																								
1,295 kgs	1,385 kgs	1,790 kgs	2.0 bar																								
3,080 lbs	3,310 lbs	4,230 lbs	32 psi																								
1,395 kgs	1,500 kgs	1,920 kgs	2.2 bar																								
3,310 lbs	3,550 lbs	4,530 lbs	35 psi																								
1,500 kgs	1,610 kgs	2,055 kgs	2.4 bar																								
		4,820 lbs	38 psi																								
		2,185 kgs	2.6 bar																								
		4,960 lbs	39 psi																								
		2,250 kgs	2.7 bar																								

280/80 R18 132A8/132B IND TL XMCL™																														
MSPN : 25391			CAI : 779803																											
Load per tire							See notes on page 14 for guidance on correct application of these load / pressure tables.																							
25 mph	22.5 mph	20 mph	15 mph	6 mph Cyc	Stat	Pressure	<table border="1"> <thead> <tr> <th colspan="4">Tire Technical Data</th> </tr> <tr> <th colspan="2">Unloaded Dimensions</th> <th colspan="2">Loaded Dimensions</th> </tr> <tr> <th>Overall Width</th> <th>Overall Diameter</th> <th>Loaded Radius</th> <th>Rolling Circumference</th> </tr> </thead> <tbody> <tr> <td>11.4 in</td> <td>35.7 in</td> <td>16.3 in</td> <td>106.6 in</td> </tr> <tr> <td>290 mm</td> <td>908 mm</td> <td>415 mm</td> <td>2,708 mm</td> </tr> </tbody> </table>				Tire Technical Data				Unloaded Dimensions		Loaded Dimensions		Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	11.4 in	35.7 in	16.3 in	106.6 in	290 mm	908 mm	415 mm	2,708 mm
Tire Technical Data																														
Unloaded Dimensions		Loaded Dimensions																												
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference																											
11.4 in	35.7 in	16.3 in	106.6 in																											
290 mm	908 mm	415 mm	2,708 mm																											
40 km/h	35 km/h	30 km/h	25 km/h	10 km/h Cyc	Stat																									
2,090 lbs	2,180 lbs	2,250 lbs	2,340 lbs	2,580 lbs	3,970 lbs	23 psi	Rims (preferred in bold) W9 W8, W10 Tube MSPN 16765 Tube CAI 171109 Minimum Dual/Triple Spacing 15.3 in 389 mm																							
950 kgs	990 kgs	1,020 kgs	1,060 kgs	1,170 kgs	1,800 kgs	1.6 bar																								
2,480 lbs	2,580 lbs	2,670 lbs	2,760 lbs	3,150 lbs	4,850 lbs	29 psi																								
1,125 kgs	1,170 kgs	1,210 kgs	1,250 kgs	1,430 kgs	2,200 kgs	2.0 bar																								
2,870 lbs	2,970 lbs	3,080 lbs	3,190 lbs	3,740 lbs	5,730 lbs	35 psi																								
1,300 kgs	1,345 kgs	1,395 kgs	1,445 kgs	1,695 kgs	2,600 kgs	2.4 bar																								
3,250 lbs	3,350 lbs	3,480 lbs	3,600 lbs	4,310 lbs	6,610 lbs	41 psi																								
1,475 kgs	1,520 kgs	1,580 kgs	1,635 kgs	1,955 kgs	3,000 kgs	2.8 bar																								
3,640 lbs	3,750 lbs	3,900 lbs	4,030 lbs	4,890 lbs	7,500 lbs	46 psi																								
1,650 kgs	1,700 kgs	1,770 kgs	1,830 kgs	2,220 kgs	3,400 kgs	3.2 bar																								
4,020 lbs	4,140 lbs	4,310 lbs	4,460 lbs	5,470 lbs	8,380 lbs	52 psi																								
1,825 kgs	1,880 kgs	1,955 kgs	2,025 kgs	2,480 kgs	3,800 kgs	3.6 bar																								
4,210 lbs	4,340 lbs	4,520 lbs	4,670 lbs	5,750 lbs	8,820 lbs	55 psi																								
1,910 kgs	1,970 kgs	2,050 kgs	2,120 kgs	2,610 kgs	4,000 kgs	3.8 bar																								
4,410 lbs	4,540 lbs	4,720 lbs	4,890 lbs	6,040 lbs	9,260 lbs	58 psi																								
2,000 kgs	2,060 kgs	2,140 kgs	2,220 kgs	2,740 kgs	4,200 kgs	4.0 bar																								
				6,330 lbs	9,700 lbs	61 psi																								
				2,870 kgs	4,400 kgs	4.2 bar																								
				6,610 lbs	10,140 lbs	64 psi																								
				3,000 kgs	4,600 kgs	4.4 bar																								



340/80 R18 (12.5/80 R18) 143A8/143B IND TL XMCL™
MSPN : 24643 CAI : 100054

Load per tire							Pressure	Tire Technical Data				Rims (preferred in bold) 11 W10, 11SDC, W11, 12, 12SDC
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Unloaded Dimensions		Loaded Dimensions		Rolling Circumference		
2,910 lbs	2,950 lbs	3,060 lbs	3,200 lbs	3,530 lbs	5,400 lbs	23 psi	Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	11 W10, 11SDC, W11, 12, 12SDC Tube MSPN 20668 Tube CAI 057866 Minimum Dual/Triple Spacing 18.2 in 462 mm	
1,320 kgs	1,340 kgs	1,390 kgs	1,450 kgs	1,600 kgs	2,450 kgs	1.6 bar	13.8 in	39.2 in	17.6 in	116.5 in		
3,420 lbs	3,490 lbs	3,630 lbs	3,770 lbs	4,310 lbs	6,600 lbs	29 psi	351 mm	996 mm	448 mm	2,959 mm		
1,550 kgs	1,585 kgs	1,645 kgs	1,710 kgs	1,955 kgs	2,995 kgs	2.0 bar	Rolling Circumference Index Number of Lugs 18 x 2					
3,920 lbs	4,030 lbs	4,190 lbs	4,350 lbs	5,090 lbs	7,800 lbs	35 psi						
1,780 kgs	1,830 kgs	1,900 kgs	1,975 kgs	2,310 kgs	3,540 kgs	2.4 bar	Gross Flat Plate	100% Tire Volume	Tread Depth			
4,430 lbs	4,570 lbs	4,750 lbs	4,940 lbs	5,890 lbs	9,020 lbs	41 psi	135 sq in	37.5 gals	38/32nd			
2,010 kgs	2,075 kgs	2,155 kgs	2,240 kgs	2,670 kgs	4,090 kgs	2.8 bar	872 sq cm	142 liters	30 mm			
4,940 lbs	5,110 lbs	5,310 lbs	5,510 lbs	6,670 lbs	10,220 lbs	46 psi	Gross Flat Plate 108 sq in 697 sq cm					
2,240 kgs	2,320 kgs	2,410 kgs	2,500 kgs	3,025 kgs	4,635 kgs	3.2 bar						
5,470 lbs	5,650 lbs	5,880 lbs	6,080 lbs	7,450 lbs	11,420 lbs	52 psi	100% Tire Volume 25.6 gals 97 liters					
2,480 kgs	2,565 kgs	2,665 kgs	2,760 kgs	3,380 kgs	5,180 kgs	3.6 bar						
5,740 lbs	5,930 lbs	6,150 lbs	6,370 lbs	7,840 lbs	12,020 lbs	55 psi	Tread Depth 37/32nd 29 mm					
2,605 kgs	2,690 kgs	2,790 kgs	2,890 kgs	3,555 kgs	5,450 kgs	3.8 bar						
6,010 lbs	6,190 lbs	6,440 lbs	6,660 lbs	8,230 lbs	12,620 lbs	58 psi	Minimum Dual/Triple Spacing 15.3 in 389 mm					
2,725 kgs	2,810 kgs	2,920 kgs	3,020 kgs	3,735 kgs	5,725 kgs	4.0 bar						
				8,620 lbs	13,230 lbs	61 psi	Tube MSPN 171111					
				3,910 kgs	6,000 kgs	4.2 bar						
				9,020 lbs	13,820 lbs	64 psi	Tube CAI 171111					
				4,090 kgs	6,270 kgs	4.4 bar						

280/80 R20 (10.5 R20) 133A8/133B IND TL XMCL™
MSPN : 32621 CAI : 747442

Load per tire							Pressure	Tire Technical Data				Rims (preferred in bold) W9 W8, W10
5 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Unloaded Dimensions		Loaded Dimensions		Rolling Circumference		
2,150 lbs	2,230 lbs	2,310 lbs	2,400 lbs	2,670 lbs	4,080 lbs	23 psi	Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	W9 W8, W10 Tube MSPN 171111 Tube CAI 171111 Minimum Dual/Triple Spacing 15.3 in 389 mm	
975 kgs	1,010 kgs	1,050 kgs	1,090 kgs	1,210 kgs	1,850 kgs	1.6 bar	11.5 in	37.7 in	17.3 in	112.6 in		
2,550 lbs	2,630 lbs	2,730 lbs	2,840 lbs	3,260 lbs	4,980 lbs	29 psi	292 mm	958 mm	439 mm	2,860 mm		
1,155 kgs	1,195 kgs	1,240 kgs	1,290 kgs	1,480 kgs	2,260 kgs	2.0 bar	Rolling Circumference Index Number of Lugs 18 x 2					
2,950 lbs	3,040 lbs	3,160 lbs	3,280 lbs	3,850 lbs	5,900 lbs	35 psi						
1,340 kgs	1,380 kgs	1,435 kgs	1,490 kgs	1,745 kgs	2,675 kgs	2.4 bar	Gross Flat Plate	100% Tire Volume	Tread Depth			
3,350 lbs	3,450 lbs	3,580 lbs	3,730 lbs	4,440 lbs	6,800 lbs	41 psi	108 sq in	25.6 gals	37/32nd			
1,520 kgs	1,565 kgs	1,625 kgs	1,690 kgs	2,015 kgs	3,085 kgs	2.8 bar	697 sq cm	97 liters	29 mm			
3,750 lbs	3,860 lbs	4,010 lbs	4,170 lbs	5,030 lbs	7,720 lbs	46 psi	Gross Flat Plate 108 sq in 697 sq cm					
1,700 kgs	1,750 kgs	1,820 kgs	1,890 kgs	2,280 kgs	3,500 kgs	3.2 bar						
4,140 lbs	4,270 lbs	4,430 lbs	4,610 lbs	5,620 lbs	8,620 lbs	52 psi	100% Tire Volume 25.6 gals 97 liters					
1,880 kgs	1,935 kgs	2,010 kgs	2,090 kgs	2,550 kgs	3,910 kgs	3.6 bar						
4,340 lbs	4,480 lbs	4,640 lbs	4,830 lbs	5,920 lbs	9,080 lbs	55 psi	Tread Depth 37/32nd 29 mm					
1,970 kgs	2,030 kgs	2,105 kgs	2,190 kgs	2,685 kgs	4,120 kgs	3.8 bar						
4,540 lbs	4,670 lbs	4,850 lbs	5,050 lbs	6,220 lbs	9,530 lbs	58 psi	Minimum Dual/Triple Spacing 15.3 in 389 mm					
2,060 kgs	2,120 kgs	2,200 kgs	2,290 kgs	2,820 kgs	4,325 kgs	4.0 bar						
				6,510 lbs	9,990 lbs	61 psi	Tube MSPN 171111					
				2,955 kgs	4,530 kgs	4.2 bar						
				6,810 lbs	10,450 lbs	64 psi	Tube CAI 171111					
				3,090 kgs	4,740 kgs	4.4 bar						

MICHELIN XMCL™

Technical Data

340/80 R20 (12.5/80 R20) 144A8/144B IND TL XMCL™						
MSPN : 00733						
CAI : 948730						
Load per tire						
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Pressure
3,000 lbs	3,040 lbs	3,150 lbs	3,280 lbs	3,620 lbs	5,560 lbs	23 psi
1,360 kgs	1,380 kgs	1,430 kgs	1,490 kgs	1,640 kgs	2,520 kgs	1.6 bar
3,520 lbs	3,590 lbs	3,730 lbs	3,880 lbs	4,420 lbs	6,790 lbs	29 psi
1,595 kgs	1,630 kgs	1,690 kgs	1,760 kgs	2,005 kgs	3,080 kgs	2.0 bar
4,030 lbs	4,140 lbs	4,300 lbs	4,480 lbs	5,220 lbs	8,020 lbs	35 psi
1,830 kgs	1,880 kgs	1,950 kgs	2,030 kgs	2,370 kgs	3,640 kgs	2.4 bar
4,550 lbs	4,700 lbs	4,870 lbs	5,070 lbs	6,040 lbs	9,260 lbs	41 psi
2,065 kgs	2,130 kgs	2,210 kgs	2,300 kgs	2,740 kgs	4,200 kgs	2.8 bar
5,070 lbs	5,250 lbs	5,450 lbs	5,670 lbs	6,850 lbs	10,490 lbs	46 psi
2,300 kgs	2,380 kgs	2,470 kgs	2,570 kgs	3,105 kgs	4,760 kgs	3.2 bar
5,620 lbs	5,800 lbs	6,030 lbs	6,260 lbs	7,650 lbs	11,730 lbs	52 psi
2,550 kgs	2,630 kgs	2,735 kgs	2,840 kgs	3,470 kgs	5,320 kgs	3.6 bar
5,900 lbs	6,070 lbs	6,330 lbs	6,560 lbs	8,050 lbs	12,350 lbs	55 psi
2,675 kgs	2,755 kgs	2,870 kgs	2,975 kgs	3,650 kgs	5,600 kgs	3.8 bar
6,170 lbs	6,350 lbs	6,610 lbs	6,860 lbs	8,450 lbs	12,960 lbs	58 psi
2,800 kgs	2,880 kgs	3,000 kgs	3,110 kgs	3,835 kgs	5,880 kgs	4.0 bar
				8,860 lbs	13,580 lbs	61 psi
				4,020 kgs	6,160 kgs	4.2 bar
				9,260 lbs	14,200 lbs	64 psi
				4,200 kgs	6,440 kgs	4.4 bar

See notes on page 14 for guidance on correct application of these load / pressure tables.

Tire Technical Data			
Unloaded Dimensions		Loaded Dimensions	
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference
13.9 in	41.2 in	18.7 in	122.8 in
353 mm	1,047 mm	476 mm	3,119 mm

Rolling Circumference Index

Number of Lugs
19 x 2

Gross Flat Plate	100% Tire Volume	Tread Depth
143 sq in	40.1 gals	37/32nd
924 sq cm	152 liters	29 mm

Rims (preferred in bold)
11
W10,
11SDC,
W11,
12,
12SDC

Tube MSPN
58360

Tube CAI
171112

Minimum Dual/Triple Spacing
18.2 in
462 mm

380/75 R20 148A8/148B IND TL XMCL™						
MSPN : 03424						
CAI : 187752						
Load per tire						
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Pressure
3,310 lbs	3,420 lbs	3,550 lbs	3,680 lbs	4,080 lbs	6,260 lbs	23 psi
1,500 kgs	1,550 kgs	1,610 kgs	1,670 kgs	1,850 kgs	2,840 kgs	1.6 bar
3,900 lbs	4,030 lbs	4,190 lbs	4,350 lbs	4,980 lbs	7,650 lbs	29 psi
1,770 kgs	1,830 kgs	1,900 kgs	1,975 kgs	2,260 kgs	3,470 kgs	2.0 bar
4,500 lbs	4,660 lbs	4,840 lbs	5,030 lbs	5,890 lbs	9,040 lbs	35 psi
2,040 kgs	2,115 kgs	2,195 kgs	2,280 kgs	2,670 kgs	4,100 kgs	2.4 bar
5,080 lbs	5,290 lbs	5,490 lbs	5,700 lbs	6,790 lbs	10,430 lbs	41 psi
2,305 kgs	2,400 kgs	2,490 kgs	2,585 kgs	3,080 kgs	4,730 kgs	2.8 bar
5,680 lbs	5,910 lbs	6,130 lbs	6,370 lbs	7,690 lbs	11,820 lbs	46 psi
2,575 kgs	2,680 kgs	2,780 kgs	2,890 kgs	3,490 kgs	5,360 kgs	3.2 bar
6,310 lbs	6,530 lbs	6,780 lbs	7,040 lbs	8,600 lbs	13,210 lbs	52 psi
2,860 kgs	2,960 kgs	3,075 kgs	3,195 kgs	3,900 kgs	5,990 kgs	3.6 bar
6,620 lbs	6,830 lbs	7,100 lbs	7,390 lbs	9,060 lbs	13,900 lbs	55 psi
3,005 kgs	3,100 kgs	3,220 kgs	3,350 kgs	4,110 kgs	6,305 kgs	3.8 bar
6,940 lbs	7,140 lbs	7,430 lbs	7,720 lbs	9,510 lbs	14,590 lbs	58 psi
3,150 kgs	3,240 kgs	3,370 kgs	3,500 kgs	4,315 kgs	6,620 kgs	4.0 bar
				9,960 lbs	15,290 lbs	61 psi
				4,520 kgs	6,935 kgs	4.2 bar
				10,430 lbs	15,980 lbs	64 psi
				4,730 kgs	7,250 kgs	4.4 bar

See notes on page 14 for guidance on correct application of these load / pressure tables.

Tire Technical Data			
Unloaded Dimensions		Loaded Dimensions	
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference
15.1 in	42.1 in	18.9 in	125.2 in
384 mm	1,070 mm	481 mm	3,180 mm

Rolling Circumference Index

Number of Lugs
18 x 2

Gross Flat Plate	100% Tire Volume	Tread Depth
169 sq in	47.8 gals	42/32nd
1,093 sq cm	181 liters	33 mm

Rims (preferred in bold)
W12
W11,
11,
12

Tube MSPN
58360

Tube CAI
171112

Minimum Dual/Triple Spacing
20.0 in
507 mm



400/70 R20 (14.5 R20) 149A8/149B IND TL XMCL™
MSPN : 02871 CAI : 474495

Load per tire							Pressure	Tire Technical Data				Rims (preferred in bold) 13 12, 12SDC, 13SDC, 14
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Unloaded Dimensions		Loaded Dimensions		Rolling Circumference		
3,420 lbs	3,530 lbs	3,660 lbs	3,810 lbs	4,210 lbs	6,460 lbs	23 psi	Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	Tube MSPN 58360 Tube CAI 171112 Minimum Dual/Triple Spacing 21.1 in 536 mm	
1,550 kgs	1,600 kgs	1,660 kgs	1,730 kgs	1,910 kgs	2,930 kgs	1.6 bar	16.2 in	42.1 in	18.9 in	125.1 in		
4,020 lbs	4,170 lbs	4,320 lbs	4,500 lbs	5,150 lbs	7,890 lbs	29 psi	412 mm	1,069 mm	481 mm	3,177 mm		
1,825 kgs	1,890 kgs	1,960 kgs	2,040 kgs	2,335 kgs	3,580 kgs	2.0 bar	Rolling Circumference Index Number of Lugs 18 x 2					
4,630 lbs	4,820 lbs	4,990 lbs	5,190 lbs	6,080 lbs	9,330 lbs	35 psi						
2,100 kgs	2,185 kgs	2,265 kgs	2,355 kgs	2,760 kgs	4,230 kgs	2.4 bar	Gross Flat Plate	100% Tire Volume	Tread Depth	21.1 in		
5,240 lbs	5,470 lbs	5,670 lbs	5,890 lbs	7,010 lbs	10,760 lbs	41 psi	184 sq in	49.1 gals	42/32nd	536 mm		
2,375 kgs	2,480 kgs	2,570 kgs	2,670 kgs	3,180 kgs	4,880 kgs	2.8 bar	1,186 sq cm	186 liters	33 mm			
5,840 lbs	6,110 lbs	6,330 lbs	6,570 lbs	7,950 lbs	12,190 lbs	46 psi						
2,650 kgs	2,770 kgs	2,870 kgs	2,980 kgs	3,605 kgs	5,530 kgs	3.2 bar						
6,500 lbs	6,750 lbs	7,000 lbs	7,260 lbs	8,880 lbs	13,620 lbs	52 psi						
2,950 kgs	3,060 kgs	3,175 kgs	3,295 kgs	4,030 kgs	6,180 kgs	3.6 bar						
6,830 lbs	7,070 lbs	7,340 lbs	7,610 lbs	9,350 lbs	14,340 lbs	55 psi						
3,100 kgs	3,205 kgs	3,330 kgs	3,450 kgs	4,240 kgs	6,505 kgs	3.8 bar						
7,170 lbs	7,390 lbs	7,670 lbs	7,960 lbs	9,820 lbs	15,060 lbs	58 psi						
3,250 kgs	3,350 kgs	3,480 kgs	3,610 kgs	4,455 kgs	6,830 kgs	4.0 bar						
				10,300 lbs	15,770 lbs	61 psi						
				4,670 kgs	7,155 kgs	4.2 bar						
				10,760 lbs	16,490 lbs	64 psi						
				4,880 kgs	7,480 kgs	4.4 bar						

420/75 R20 154A8/154B IND TL XMCL™
MSPN : 19152 CAI : 967201

Load per tire							Pressure	Tire Technical Data				Rims (preferred in bold) 13 12, 12SDC, 13SDC, 14
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Unloaded Dimensions		Loaded Dimensions		Rolling Circumference		
3,970 lbs	4,080 lbs	4,230 lbs	4,390 lbs	4,850 lbs	7,450 lbs	23 psi	Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	Tube MSPN 26889 Tube CAI 751070 Minimum Dual/Triple Spacing 21.7 in 552 mm	
1,800 kgs	1,850 kgs	1,920 kgs	1,990 kgs	2,200 kgs	3,380 kgs	1.6 bar	16.9 in	44.8 in	20.0 in	133.0 in		
4,670 lbs	4,820 lbs	5,000 lbs	5,180 lbs	5,930 lbs	9,110 lbs	29 psi	428 mm	1,138 mm	509 mm	3,378 mm		
2,120 kgs	2,185 kgs	2,270 kgs	2,350 kgs	2,690 kgs	4,130 kgs	2.0 bar	Rolling Circumference Index Number of Lugs 19 x 2					
5,380 lbs	5,560 lbs	5,770 lbs	5,990 lbs	7,010 lbs	10,760 lbs	35 psi						
2,440 kgs	2,520 kgs	2,615 kgs	2,715 kgs	3,180 kgs	4,880 kgs	2.4 bar	Gross Flat Plate	100% Tire Volume	Tread Depth	21.7 in		
6,070 lbs	6,290 lbs	6,530 lbs	6,790 lbs	8,090 lbs	12,410 lbs	41 psi	196 sq in	60.5 gals	42/32nd	552 mm		
2,755 kgs	2,855 kgs	2,960 kgs	3,080 kgs	3,670 kgs	5,630 kgs	2.8 bar	1,264 sq cm	229 liters	33 mm			
6,780 lbs	7,030 lbs	7,300 lbs	7,580 lbs	9,170 lbs	14,070 lbs	46 psi						
3,075 kgs	3,190 kgs	3,310 kgs	3,440 kgs	4,160 kgs	6,380 kgs	3.2 bar						
7,520 lbs	7,770 lbs	8,070 lbs	8,380 lbs	10,250 lbs	15,720 lbs	52 psi						
3,410 kgs	3,525 kgs	3,660 kgs	3,800 kgs	4,650 kgs	7,130 kgs	3.6 bar						
7,890 lbs	8,140 lbs	8,450 lbs	8,770 lbs	10,790 lbs	16,550 lbs	55 psi						
3,580 kgs	3,690 kgs	3,835 kgs	3,980 kgs	4,895 kgs	7,505 kgs	3.8 bar						
8,270 lbs	8,510 lbs	8,840 lbs	9,170 lbs	11,330 lbs	17,370 lbs	58 psi						
3,750 kgs	3,860 kgs	4,010 kgs	4,160 kgs	5,140 kgs	7,880 kgs	4.0 bar						
				11,870 lbs	18,200 lbs	61 psi						
				5,385 kgs	8,255 kgs	4.2 bar						
				12,410 lbs	19,030 lbs	64 psi						
				5,630 kgs	8,630 kgs	4.4 bar						

MICHELIN XMCL™

Technical Data

440/80 R24 (16.9 R24) 161A8/161B IND TL XMCL™						
MSPN : 34933 CAI : 954749						
Load per tire						
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Pressure
4,940 lbs	5,030 lbs	5,220 lbs	5,420 lbs	5,970 lbs	9,170 lbs	23 psi
2,240 kgs	2,280 kgs	2,370 kgs	2,460 kgs	2,710 kgs	4,160 kgs	1.6 bar
5,840 lbs	5,940 lbs	6,170 lbs	6,400 lbs	7,310 lbs	11,210 lbs	29 psi
2,650 kgs	2,695 kgs	2,800 kgs	2,905 kgs	3,315 kgs	5,085 kgs	2.0 bar
6,750 lbs	6,860 lbs	7,120 lbs	7,390 lbs	8,640 lbs	13,250 lbs	35 psi
3,060 kgs	3,110 kgs	3,230 kgs	3,350 kgs	3,920 kgs	6,010 kgs	2.4 bar
7,640 lbs	7,770 lbs	8,070 lbs	8,370 lbs	9,960 lbs	15,300 lbs	41 psi
3,465 kgs	3,525 kgs	3,660 kgs	3,795 kgs	4,520 kgs	6,940 kgs	2.8 bar
8,540 lbs	8,690 lbs	9,020 lbs	9,350 lbs	11,300 lbs	17,340 lbs	46 psi
3,875 kgs	3,940 kgs	4,090 kgs	4,240 kgs	5,125 kgs	7,865 kgs	3.2 bar
9,370 lbs	9,590 lbs	9,960 lbs	10,330 lbs	12,630 lbs	19,380 lbs	52 psi
4,250 kgs	4,350 kgs	4,520 kgs	4,685 kgs	5,730 kgs	8,790 kgs	3.6 bar
9,790 lbs	10,040 lbs	10,440 lbs	10,820 lbs	13,290 lbs	20,390 lbs	55 psi
4,440 kgs	4,555 kgs	4,735 kgs	4,910 kgs	6,030 kgs	9,250 kgs	3.8 bar
10,200 lbs	10,490 lbs	10,910 lbs	11,310 lbs	13,970 lbs	21,420 lbs	58 psi
4,625 kgs	4,760 kgs	4,950 kgs	5,130 kgs	6,335 kgs	9,715 kgs	4.0 bar
				14,640 lbs	22,440 lbs	61 psi
				6,640 kgs	10,180 kgs	4.2 bar
				15,300 lbs	23,460 lbs	64 psi
				6,940 kgs	10,640 kgs	4.4 bar

See notes on page 14 for guidance on correct application of these load / pressure tables.

Tire Technical Data			
Unloaded Dimensions		Loaded Dimensions	
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference
17.4 in	51.7 in	23.3 in	153.8 in
441 mm	1,314 mm	592 mm	3,907 mm

Rolling Circumference Index

Number of Lugs
20 x 2

Gross Flat Plate	100% Tire Volume	Tread Depth
262 sq in	82.9 gals	45/32nd
1,689 sq cm	314 liters	36 mm

Rims (preferred in bold)
DW14L
DW15L,
14,
TW14L

Tube MSPN
44140

Tube CAI
170042

Minimum Dual/Triple Spacing
22.8 in
580 mm

460/70 R24 (17.5 R24) 159A8/159B IND TL XMCL™						
MSPN : 70333 CAI : 244268						
Load per tire						
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Pressure
4,670 lbs	4,760 lbs	4,940 lbs	5,110 lbs	5,670 lbs	8,690 lbs	23 psi
2,120 kgs	2,160 kgs	2,240 kgs	2,320 kgs	2,570 kgs	3,940 kgs	1.6 bar
5,510 lbs	5,620 lbs	5,840 lbs	6,040 lbs	6,920 lbs	10,620 lbs	29 psi
2,500 kgs	2,550 kgs	2,650 kgs	2,740 kgs	3,140 kgs	4,815 kgs	2.0 bar
6,360 lbs	6,480 lbs	6,740 lbs	6,980 lbs	8,180 lbs	12,540 lbs	35 psi
2,885 kgs	2,940 kgs	3,055 kgs	3,165 kgs	3,710 kgs	5,690 kgs	2.4 bar
7,210 lbs	7,340 lbs	7,630 lbs	7,900 lbs	9,440 lbs	14,460 lbs	41 psi
3,270 kgs	3,330 kgs	3,460 kgs	3,585 kgs	4,280 kgs	6,560 kgs	2.8 bar
8,050 lbs	8,200 lbs	8,530 lbs	8,840 lbs	10,690 lbs	16,390 lbs	46 psi
3,650 kgs	3,720 kgs	3,870 kgs	4,010 kgs	4,850 kgs	7,435 kgs	3.2 bar
8,840 lbs	9,070 lbs	9,420 lbs	9,780 lbs	11,950 lbs	18,320 lbs	52 psi
4,010 kgs	4,115 kgs	4,275 kgs	4,435 kgs	5,420 kgs	8,310 kgs	3.6 bar
9,250 lbs	9,500 lbs	9,880 lbs	10,250 lbs	12,580 lbs	19,290 lbs	55 psi
4,195 kgs	4,310 kgs	4,480 kgs	4,650 kgs	5,705 kgs	8,750 kgs	3.8 bar
9,650 lbs	9,940 lbs	10,320 lbs	10,710 lbs	13,210 lbs	20,250 lbs	58 psi
4,375 kgs	4,510 kgs	4,680 kgs	4,860 kgs	5,990 kgs	9,185 kgs	4.0 bar
				13,830 lbs	21,210 lbs	61 psi
				6,275 kgs	9,620 kgs	4.2 bar
				14,460 lbs	22,180 lbs	64 psi
				6,560 kgs	10,060 kgs	4.4 bar

See notes on page 14 for guidance on correct application of these load / pressure tables.

Tire Technical Data			
Unloaded Dimensions		Loaded Dimensions	
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference
18.4 in	49.1 in	22.1 in	146.0 in
467 mm	1,248 mm	562 mm	3,709 mm

Rolling Circumference Index

Number of Lugs
18 x 2

Gross Flat Plate	100% Tire Volume	Tread Depth
230 sq in	76.9 gals	45/32nd
1,485 sq cm	291 liters	36 mm

Rims (preferred in bold)
DW15L
DW14L,
DW16L,
14,
16,
TW14L

Tube MSPN
44140

Tube CAI
170042

Minimum Dual/Triple Spacing
24.0 in
609 mm



500/70 R24 (19.5 LR24) 164A8/164B IND TL XMCL™
MSPN : 89582 CAI : 542794

Load per tire							Pressure	Tire Technical Data				Rims (preferred in bold) DW16L DW15L, 16
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Unloaded Dimensions		Loaded Dimensions		Rolling Circumference		
5,200 lbs	5,420 lbs	5,640 lbs	5,840 lbs	6,460 lbs	9,920 lbs	23 psi	Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	Tube MSPN 44140 Tube CAI 170042 Minimum Dual/Triple Spacing 25.7 in 654 mm	
2,360 kgs	2,460 kgs	2,560 kgs	2,650 kgs	2,930 kgs	4,500 kgs	1.6 bar	20.1 in	51.3 in	23.0 in	152.2 in		
6,170 lbs	6,420 lbs	6,670 lbs	6,900 lbs	7,900 lbs	12,130 lbs	29 psi	511 mm	1,302 mm	583 mm	3,866 mm		
2,800 kgs	2,910 kgs	3,025 kgs	3,130 kgs	3,585 kgs	5,500 kgs	2.0 bar	Rolling Circumference Index					
7,140 lbs	7,400 lbs	7,690 lbs	7,970 lbs	9,350 lbs	14,330 lbs	35 psi						
3,240 kgs	3,355 kgs	3,490 kgs	3,615 kgs	4,240 kgs	6,500 kgs	2.4 bar	Number of Lugs 18 x 2					
8,120 lbs	8,380 lbs	8,720 lbs	9,040 lbs	10,780 lbs	16,530 lbs	41 psi						
3,685 kgs	3,800 kgs	3,955 kgs	4,100 kgs	4,890 kgs	7,500 kgs	2.8 bar	Gross Flat Plate	100% Tire Volume	Tread Depth			
9,090 lbs	9,370 lbs	9,740 lbs	10,100 lbs	12,220 lbs	18,740 lbs	46 psi	280 sq in	93.5 gals	45/32nd			
4,125 kgs	4,250 kgs	4,420 kgs	4,580 kgs	5,545 kgs	8,500 kgs	3.2 bar	1,808 sq cm	354 liters	36 mm			
10,050 lbs	10,360 lbs	10,770 lbs	11,170 lbs	13,670 lbs	20,940 lbs	52 psi						
4,560 kgs	4,700 kgs	4,885 kgs	5,065 kgs	6,200 kgs	9,500 kgs	3.6 bar						
10,540 lbs	10,860 lbs	11,290 lbs	11,710 lbs	14,390 lbs	22,050 lbs	55 psi						
4,780 kgs	4,925 kgs	5,120 kgs	5,310 kgs	6,525 kgs	10,000 kgs	3.8 bar						
11,020 lbs	11,350 lbs	11,790 lbs	12,240 lbs	15,100 lbs	23,150 lbs	58 psi						
5,000 kgs	5,150 kgs	5,350 kgs	5,550 kgs	6,850 kgs	10,500 kgs	4.0 bar						
				15,820 lbs	24,250 lbs	61 psi						
				7,175 kgs	11,000 kgs	4.2 bar						
				16,530 lbs	25,350 lbs	64 psi						
				7,500 kgs	11,500 kgs	4.4 bar						

480/80 R26 (18.4 R26) 160A8/160B IND TL XMCL™
MSPN : 16032 CAI : 719306

Load per tire							Pressure	Tire Technical Data				Rims (preferred in bold) DW15L DW16L
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	Unloaded Dimensions		Loaded Dimensions		Rolling Circumference		
5,680 lbs	5,910 lbs	6,150 lbs	6,370 lbs	7,050 lbs	10,800 lbs	23 psi	Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	Tube MSPN 53712 Tube CAI 170047 Minimum Dual/Triple Spacing 24.6 in 626 mm	
2,575 kgs	2,680 kgs	2,790 kgs	2,890 kgs	3,200 kgs	4,900 kgs	1.6 bar	19.2 in	56.0 in	25.0 in	166.1 in		
6,740 lbs	6,990 lbs	7,280 lbs	7,540 lbs	8,620 lbs	13,210 lbs	29 psi	487 mm	1,422 mm	636 mm	4,220 mm		
3,055 kgs	3,170 kgs	3,300 kgs	3,420 kgs	3,910 kgs	5,990 kgs	2.0 bar	Rolling Circumference Index					
7,260 lbs	7,530 lbs	7,830 lbs	8,110 lbs	9,400 lbs	14,410 lbs	32 psi						
3,295 kgs	3,415 kgs	3,550 kgs	3,680 kgs	4,265 kgs	6,535 kgs	2.2 bar	Number of Lugs 20 x 2					
7,800 lbs	8,070 lbs	8,390 lbs	8,700 lbs	10,190 lbs	15,610 lbs	35 psi						
3,540 kgs	3,660 kgs	3,805 kgs	3,945 kgs	4,620 kgs	7,080 kgs	2.4 bar	Gross Flat Plate	100% Tire Volume	Tread Depth			
8,330 lbs	8,610 lbs	8,950 lbs	9,280 lbs	10,970 lbs	16,810 lbs	38 psi	282 sq in	107.0 gals	45/32nd			
3,780 kgs	3,905 kgs	4,060 kgs	4,210 kgs	4,975 kgs	7,625 kgs	2.6 bar	1,820 sq cm	405 liters	36 mm			
8,860 lbs	9,150 lbs	9,500 lbs	9,850 lbs	11,750 lbs	18,010 lbs	41 psi						
4,020 kgs	4,150 kgs	4,310 kgs	4,470 kgs	5,330 kgs	8,170 kgs	2.8 bar						
9,390 lbs	9,690 lbs	10,060 lbs	10,440 lbs	12,530 lbs	19,210 lbs	44 psi						
4,260 kgs	4,395 kgs	4,565 kgs	4,735 kgs	5,685 kgs	8,715 kgs	3.0 bar						
9,920 lbs	10,230 lbs	10,630 lbs	11,020 lbs	13,320 lbs	20,410 lbs	46 psi						
4,500 kgs	4,640 kgs	4,820 kgs	5,000 kgs	6,040 kgs	9,260 kgs	3.2 bar						
				14,100 lbs	21,620 lbs	49 psi						
				6,395 kgs	9,805 kgs	3.4 bar						
				14,880 lbs	22,820 lbs	52 psi						
				6,750 kgs	10,350 kgs	3.6 bar						

MICHELIN XMCL™

Technical Data

440/80 R28 (16.9 R28) 156A8/156B IND TL XMCL™
MSPN : 94482 CAI : 316223

Load per tire							Pressure	Tire Technical Data				Rims (preferred in bold) DW14L DW15L
25 mph 40 km/h	22.5 mph 35 km/h	20 mph 30 km/h	15 mph 25 km/h	6 mph Cyc 10 km/h Cyc	Stat Stat	See notes on page 14 for guidance on correct application of these load / pressure tables.						
Overall Width	Overall Diameter	Loaded Radius	Rolling Circumference	Rolling Circumference Index		Number of Lugs		Gross Flat Plate	100% Tire Volume	Tread Depth	Tube MSPN	
5,070 lbs	5,270 lbs	5,470 lbs	5,670 lbs	6,260 lbs	9,610 lbs	23 psi	18.1 in	55.5 in	25.2 in	165.4 in	DW14L	
2,300 kgs	2,390 kgs	2,480 kgs	2,570 kgs	2,840 kgs	4,360 kgs	1.6 bar	459 mm	1,410 mm	641 mm	4,200 mm		
6,010 lbs	6,220 lbs	6,460 lbs	6,700 lbs	7,650 lbs	11,750 lbs	29 psi	Rolling Circumference Index		Number of Lugs		DW15L	
2,725 kgs	2,820 kgs	2,930 kgs	3,040 kgs	3,470 kgs	5,330 kgs	2.0 bar	22 x 2					
6,480 lbs	6,700 lbs	6,960 lbs	7,210 lbs	8,360 lbs	12,810 lbs	32 psi	Gross Flat Plate		100% Tire Volume		Tube MSPN 76858	
2,940 kgs	3,040 kgs	3,155 kgs	3,270 kgs	3,790 kgs	5,810 kgs	2.2 bar	254 sq in		91.6 gals			
6,940 lbs	7,180 lbs	7,450 lbs	7,730 lbs	9,050 lbs	13,880 lbs	35 psi	Tread Depth		45/32nd		Minimum Dual/Triple Spacing 22.8 in	
3,150 kgs	3,255 kgs	3,380 kgs	3,505 kgs	4,105 kgs	6,295 kgs	2.4 bar	36 mm		580 mm			
7,410 lbs	7,650 lbs	7,950 lbs	8,250 lbs	9,740 lbs	14,950 lbs	38 psi					Tube CAI 170149	
3,360 kgs	3,470 kgs	3,605 kgs	3,740 kgs	4,420 kgs	6,780 kgs	2.6 bar						
7,880 lbs	8,120 lbs	8,440 lbs	8,750 lbs	10,440 lbs	16,020 lbs	41 psi					Minimum Dual/Triple Spacing 22.8 in	
3,575 kgs	3,685 kgs	3,830 kgs	3,970 kgs	4,735 kgs	7,265 kgs	2.8 bar						
8,360 lbs	8,610 lbs	8,940 lbs	9,270 lbs	11,130 lbs	17,090 lbs	44 psi					Minimum Dual/Triple Spacing 22.8 in	
3,790 kgs	3,905 kgs	4,055 kgs	4,205 kgs	5,050 kgs	7,750 kgs	3.0 bar						
8,820 lbs	9,080 lbs	9,440 lbs	9,790 lbs	11,840 lbs	18,140 lbs	46 psi					Minimum Dual/Triple Spacing 22.8 in	
4,000 kgs	4,120 kgs	4,280 kgs	4,440 kgs	5,370 kgs	8,230 kgs	3.2 bar						
				12,530 lbs	19,210 lbs	49 psi					Minimum Dual/Triple Spacing 22.8 in	
				5,685 kgs	8,715 kgs	3.4 bar						
				13,230 lbs	20,280 lbs	52 psi					Minimum Dual/Triple Spacing 22.8 in	
				6,000 kgs	9,200 kgs	4.0 bar						