

# 2019

## TRUCK TIRE DATA GUIDE



**BUILT ON  
PROVEN  
PERFORMANCE**



**GENERAL TIRE**



# TABLE OF CONTENTS

**GENERAL HS**

**8**



**GENERAL HD**

**9**



**GENERAL HT**

**10**



**GENERAL RA**

**14**



**GENERAL RD**

**15**



**GENERAL ST250 LP**

**16**



**GENERAL WT**

**17**



**GRABBER OA**

**22**



**GRABBER OA WB**

**23**



**GRABBER OD**

**24**



**AVAILABILITY CHART**

**5**



**LOAD/INFLATION TABLES**

**26**




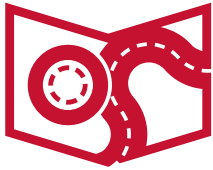

**GENERAL INFORMATION**

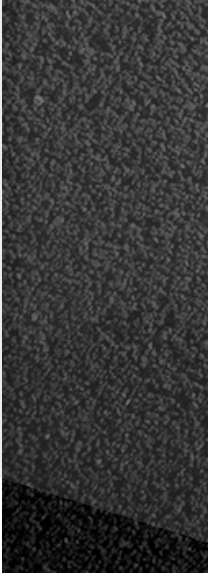
**28**



# APPLICATION GUIDE




AXLE	 <b>HIGHWAY</b>	 <b>REGIONAL/URBAN</b>	 <b>ON/OFF-ROAD</b>
Steer/ All Position	General HS	General RA General WT	Grabber OA WB Grabber OA
Drive	General HD	General RD	Grabber OD
Trailer	General HT	General ST250 LP	

	• Long Hauls	• Long and Short Hauls	• Short Hauls
	• High Original Miles	• Great Handling	• Excellent Traction
	• Fuel Efficient	• Durable Tread Compounds	• Tough Casing
	• Comfortable Ride	• Long Lifetimes	• Construction Service

# AVAILABILITY CHART

## MEDIUM RADIAL TRUCK

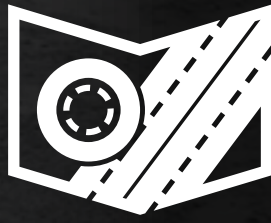
Load Range — Tread Depths in 32nds"

									
	11R22.5	11R24.5	295/75R22.5	285/75R24.5	255/70R22.5	315/80R22.5	385/65R22.5	425/65R22.5	445/65R22.5
General HS	H-18	H-18	H-18	H-18					
General HD	G/H-30	G/H-30	G-30	G-30					
General HT	G-13	G-13	G-13	G-13	H-18				
General ST250 LP						H-16			
General RA	H-20	H-20	H-20	H-20					
General RD	G/H-28	G/H-28	G-28	G-28					
General WT						L-26			
Grabber OA	H-23	H-23				L-24			
Grabber OA WB							L-21	L-21	L-21
Grabber OD	H-30	H-30							

Whether your operation is highway, regional, urban or on/off-road, you can trust General to deliver commercial truck tires that excel in mileage, handling and durability.



2019



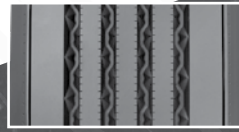
# HIGHWAY

HIGHWAY SERIES



# GENERAL HS

## HIGHWAY STEER



SMARTWAY VERIFIED



Compares to:  
Firestone FS591, Yokohama  
101ZL & BF Goodrich ST244

### APPLICATIONS:

Long-Haul, Over the Highway  
Steer Position

- 5 rib tread pattern promotes even wear and high removal mileage
- Advanced pyramid-shaped stone ejection system prevents stone retention
- Low rolling resistance compound delivers high level of fuel efficiency
- Optimized footprint distribution contributes to even wear and higher removal mileage
- Enhanced bead to belt package increases casing durability for maximum retreadability

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)		MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN DUAL SPACING IN (mm)	REVS. PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION	
			18	75										SINGLE LB (kg)	DUAL LB (kg)
11R22.5	H	05111220000	18	75	19.4 (493)	41.3 (1049)	11.0 (279)	12.2 (310)	8.25, 7.50	12.5 (318)	500 (311)	116 (53)	6610 120 (3000 830)	6005 120 (2725 830)	
295/75R22.5	H	05111250000	18	75	18.7 (475)	40.1 (1019)	11.0 (279)	12.2 (310)	8.25, 9.00	12.5 (318)	516 (321)	106 (51)	6940 120 (3150 830)	6175 120 (2800 830)	
11R24.5	H	05111230000	18	75	20.4 (518)	43.4 (1102)	11.0 (279)	12.2 (310)	8.25, 7.50	12.5 (318)	477 (296)	122 (56)	7160 120 (3250 830)	6610 120 (3000 830)	
285/75R24.5	H	05111240000	18	75	19.3 (490)	41.3 (1050)	11.2 (285.0)	12.0 (305.0)	8.25	12.5 (318)	501 (311)	112 (51)	6780 120 (3075 830)	6175 120 (2800 830)	

Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# GENERAL HD

## HIGHWAY DRIVE

### APPLICATIONS:

Long or Short-Haul, Highway  
Tandem Drive Axle

- Closed shoulder tread design delivers high mileage and optimal fuel economy
- Deep 30/32nd, intermediate blocks deliver sustained traction in demanding applications
- Improved bead design for better casing durability and retreadability
- Stone ejection system reduces stone retention



**SMARTWAY VERIFIED**

Compares to:  
Firestone FD691, Yokohama  
703ZL & BF Goodrich DR454

PRODUCT DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN DUAL SPACING IN (mm)	REVS. PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION		
													SINGLE LB (kg)	SINGLE PSI (kPa)	DUAL LB (kg)
TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS															
11R22.5	G	05210950000	30 75	19.6 (498)	42.1 (1069)	11.1 (282)	12.3 (312)	8.25, 7.50	12.5 (318)	492 (306)	123 (55)	6175 105 (2800 720)	5840 105 (2650 720)		
11R22.5	H	05210960000	30 75	19.6 (498)	42.1 (1069)	11.1 (282)	12.3 (312)	8.25, 7.50	12.5 (318)	492 (306)	124 (56)	6610 120 (3000 830)	6005 120 (2725 830)		
295/75R22.5	G	05211000000	30 75	19.1 (485)	40.9 (1039)	10.9 (277)	12.0 (305)	8.25, 9.00	12.5 (318)	506 (314)	118 (53)	6175 110 (2800 760)	5675 110 (2575 760)		
11R24.5	G	05210970000	30 75	20.6 (523)	44.1 (1120)	11.1 (282)	12.3 (312)	8.25, 7.50	12.5 (318)	469 (292)	131 (59)	6610 105 (3000 720)	6005 105 (2725 720)		
11R24.5	H	05210980000	30 75	20.6 (523)	44.1 (1120)	11.1 (282)	12.3 (312)	8.25, 7.50	12.5 (318)	469 (292)	133 (60)	7160 120 (3250 830)	6610 120 (3000 830)		
285/75R24.5	G	05210990000	30 75	19.7 (500)	42.1 (1069)	10.8 (274)	11.9 (302)	8.25	12.5 (318)	492 (306)	123 (56)	6175 110 (2800 760)	5675 110 (2575 760)		

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.

# GENERAL HT

## HIGHWAY TRAILER



SMARTWAY VERIFIED



### APPLICATIONS:

Long-Haul, Highway Trailer Axle

Compares to:  
Firestone FT491, Yokohama  
RY587 & BF Goodrich TR144

- New tread design provides proven fuel economy and performance in a demanding application
- New wider casing allows for industry standard 220mm retread
- Patented innovative groove technology leads to minimum stone retention, extending casing life
- Scruff ribs protect sidewall from curbing and cutting
- 13/32" tread depth minimizes tread squirm and irregular wear

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX. SPEED (MPH) #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	REVS. PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION		
												SINGLE LB (kg)	SINGLE PSI (KPa)	DUAL LB (kg)	DUAL PSI (KPa)
TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS															
11R22.5	G	05310400000	13	75	19.3 (490)	41.1 (1044)	11.1 (282)	12.2 (310)	8.25, 7.50	12.5 (318)	504 (313)	105 (48)	6175 105 (2800 720)	5840 105 (2650 720)	
255/70R22.5	H	05310420000	18	75	17.1 (434)	36.6 (929)	9.9 (251)	10.8 (274)	7.50, 8.25	11.3 (287)	566 (352)	91 (41)	5510 120 (2500 830)	5070 120 (2300 830)	
295/75R22.5	G	05310440000	13	75	18.5 (470)	39.8 (1011)	10.9 (277)	12.0 (305)	8.25, 7.50	12.5 (318)	520 (323)	100 (45)	6175 110 (2800 760)	5675 110 (2575 760)	
11R24.5	G	05310410000	13	75	20.2 (513)	43.0 (1092)	11.1 (282)	12.2 (310)	8.25, 7.50	12.5 (318)	481 (299)	113 (51)	6610 105 (3000 720)	6005 105 (2725 720)	
285/75R24.5	G	05310430000	13	75	19.1 (485)	41.1 (1041)	10.9 (277)	12.0 (305)	8.25	12.5 (318)	505 (314)	106 (48)	6175 110 (2800 760)	5675 110 (2575 760)	

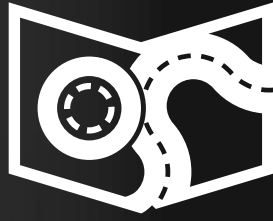
Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.



Whether your operation is highway, regional, urban or on/off-road, you can trust General to deliver commercial truck tires that excel in mileage, handling and durability.



2019



# REGIONAL/URBAN

REGIONAL/URBAN SERIES



# GENERAL RA

## REGIONAL ALL-POSITION



SMARTWAY VERIFIED



### APPLICATIONS:

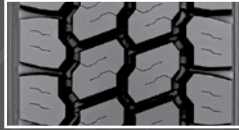
All-Position Service in Regional Hauling, Pick and Delivery, and On/Off Highway

- A hard working regional, all-position tire featuring high removal mileage and even, reliable wear
- Tread compounding provides resistance to abrasion, cutting and chipping in demanding regional applications
- The General RA will deliver performance that lowers costs for your business and gives drivers confidence in demanding applications

Compares to:  
Firestone FS561, Yokohama  
103ZR & BF Goodrich ST230

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	REVS. PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION			
													SINGLE LB (kg)	DUAL LB (kg)		
11R22.5	H	05122920000	20	75	19.3 (490)	41.4 (1052)	11.1 (281)	11.9 (302)	8.25, 7.50	12.5 (318)	500 (311)	118 (54)	6610 (3000)	120 (830)	6005 (2725)	120 (830)
295/75R22.5	H	05122910000	20	75	18.6 (472)	40.1 (1019)	11.0 (279)	12.5 (318)	8.25, 9.00	12.5 (318)	516 (321)	113 (51)	6940 (3150)	120 (830)	6175 (2800)	120 (830)
11R24.5	H	05122930000	20	75	20.3 (516)	43.4 (1103)	11.1 (281)	11.9 (302)	8.25, 7.50	12.5 (318)	477 (296)	128 (58)	7160 (3250)	120 (830)	6610 (3000)	120 (830)
285/75R24.5	H	05122940000	20	75	19.3 (490)	41.3 (1049)	10.8 (274)	12.0 (305)	8.25	12.5 (318)	501 (311)	118 (53)	6780 (3075)	120 (830)	6175 (2800)	120 (830)

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC, reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.



# GENERAL RD

## REGIONAL DRIVE

### APPLICATIONS:

Long and Short-Haul, Highway,  
Single and Tandem Drive Axle

- An open shoulder drive tire that gives long life over short or long hauls with great traction
- Innovative lug angle provides outstanding traction throughout the life of the tread
- Tread design provides excellent wet/dry traction, resists irregular wear and reduces stone retention



Compares to:  
Firestone FD663, Yokohama  
TY303 & BF Goodrich DR444



PRODUCT DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)		MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL UNINFLATED DIAMETER IN (mm)	OVERALL UNINFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	RETS. PER MILE (km)	TIRE WEIGHT Lb (kg)	MAX LOAD@INFLATION	
			SINGLE Lb (kg)	DUAL Lb (kg)											
TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS															
11R22.5	G	05211030000	28	75	19.5 (495)	41.8 (1062)	11.3 (287)	12.1 (307)	8.25	12.5	495	122	6175 105	5840 105	
11R22.5	H	05211040000	28	75	19.5 (495)	41.8 (1062)	11.3 (287)	12.1 (307)	8.25	12.5	495	124	6610 120	6005 120	
295/75R22.5	G	05211080000	28	75	18.9 (480)	40.8 (1036)	11.0 (279)	12.2 (310)	8.25	12.5	509	116	6175 110	5675 110	
11R24.5	G	05211050000	28	75	20.6 (523)	43.8 (1113)	11.3 (287)	12.2 (310)	8.25	12.5	472	131	6610 105	6005 105	
11R24.5	H	05211060000	28	75	20.6 (523)	43.8 (1113)	11.3 (287)	12.2 (310)	8.25	12.5	472	133	7160 120	6610 120	
285/75R24.5	G	05211070000	28	75	19.6 (498)	42.0 (1066)	10.7 (272)	12.1 (307)	8.25	12.5	493	120	6175 110	5675 110	

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.

# GENERAL ST250 LP

## REGIONAL TRAILER



SMARTWAY VERIFIED



### APPLICATIONS:

Long Haul and Regional Haul,  
On/Off Highway, Low Platform  
Trailer Axle

- Unique see through grooves provide water evacuation so you can count on this low profile trailer tire for its wet traction capabilities
- Patented stone ejection system reduces stone retention and casing penetrations

Compares to:  
Firestone FT491, Yokohama  
RY023 & BF Goodrich ST230

														MAX LOAD@INFLATION		
TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX. SPEED (MPH)	STATIC LOADED RADIUS IN (mm)	OVERALL UNINFLATED DIAMETER IN (mm)	OVERALL UNINFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	REVS PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION			
												SINGLE LB (kg)	SINGLE PSI (kPa)	DUAL LB (kg)	DUAL PSI (kPa)	
255/70R22.5	H	05681130000	16	75	16.9	36.5	9.8	11.0	8.25, 7.50	11.3	567	88	5510	120	5070	120
					(429)	(927)	(249)	(279)		(287)	(352)	(40)	(2500	830)	(2300	830)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# GENERAL WT

## URBAN WASTE TRANSPORT

### APPLICATIONS:

Waste transportation and other high scrub, urban applications

- Advanced tread compound balances cut and tear resistance with optimized mileage specifically for the waste transport industry
- Bead construction engineered to withstand high brake temperatures, providing structural durability and extended product life
- Innovative groove technology leads to minimum stone retention, extending casing life



Compares to:  
Yokohama MY627W SPEC-2,  
Firestone FS860



PRODUCT DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	REV'S PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION			
												SINGLE LB (kg)	SINGLE PSI (kPa)	DUAL LB (kg)	DUAL PSI (kPa)	
315/80 R 22.5	L	05321170000	26	68	20.1 (510)	43.0 (1093)	12.5 (316)	13.6 (345)	9.00	13.8 (351)	481 (299)	153 (69)	10,000 (4540)	130 (900)	9090 (4125)	130 (900)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. \* - ECE Certified # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. 315/80R22.5 tires used on 8.25" rims are restricted to a maximum of 7610 lbs at 120 psi. Continental Tire the Americas, LLC reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer. When used on an 8.25" rim, the maximum load and pressure is lower than that indicated on the sidewall.

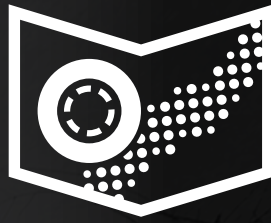




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2019



# ON/OFF ROAD



# GRABBER OA

## ON/OFF ROAD ALL-POSITION



### APPLICATIONS:

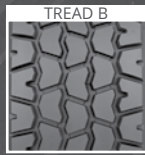
Construction Service, On/Off Highway, All-Position

- Designed to reduce damage from curbing, cuts and abrasions means you can be confident either on or off the highway
- Patented innovative groove technology leads to minimum stone retention, extending casing life
- 23/32" tread depth and cut / chip resistant tread compound deliver optimal mileage

Compares to:  
Firestone FS820, Yokohama MY507 & BF Goodrich ST576

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	RETS. PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION		
												SINGLE LB (kg)	SINGLE PSI (Kpa)	DUAL LB (kg)	DUAL PSI (Kpa)
TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS															
11R22.5	H	05151600000	23 68	19.5	41.7 (495)	11.1 (281)	12.2 (309)	8.25, 7.50	12.5 (318)	497 (309)	123 (56)	6610 120 (3000 830)		6005 120 (2725 830)	
11R24.5	H	05151590000	23 68	20.6 (523)	43.8 (1113)	11.1 (282)	12.2 (310)	8.25, 7.50	12.5 (318)	473 (294)	131 (59)	7160 120 (3250 830)		6610 120 (3000 830)	
315/80R22.5 (Tread B)	L	05350150000	24 68	19.9 (505)	42.8 (1088)	12.5 (317)	14.0 (356)	9.00, 8.25	13.8 (351)	484 (301)	150 (68)	9090 130 (4125 900)		8270 130 (3750 900)	

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. + - Tread pattern varies (5 rib design) # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. 315/80R22.5 tires used on 8.25" rims are restricted to a maximum of 7610 lbs at 120 psi. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.



# GRABBER OA WB

## ON/OFF ROAD ALL-POSITION

### APPLICATIONS:

Construction Service, On/Off Highway, All-Position Widebase

- Reduced damage from curbing, cuts and abrasions means you can be confident either on or off the highway
- Aggressive multi-service, all-position tread pattern provides excellent traction in on/off road service
- Thick under tread resists casing penetration and damage allowing for multiple retreads



Compares to:  
Firestone FS818, Yokohama  
MY507A & BF Goodrich ST565

PRODUCT DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nd09)	MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	RETS. PER MILE (km)	TIRE WEIGHT Lb (kg)	MAX LOAD@INFLATION		
												SINGLE Lb (kg)	SINGLE PSI (Kpa)	DUAL Lb (kg)	DUAL PSI (Kpa)
TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS															
385/65R22.5	L	05350140000	21 68	19.5 (495)	42.4 (1077)	15.3 (389)	16.1 (409)	11.75, 12.25	NA	488 (303)	162 (73)	9920 (4500)	130 (900)	NA	
425/65R22.5	L	05350120000	21 68	20.2 (514)	44.3 (1124)	16.6 (422)	18.0 (457)	12.25, 13.00, 14.00	NA	468 (291)	181 (82)	11400 (5150)	120 (830)	NA	
445/65R22.5 (Tread B)	L	05350130000	21 68	20.8 (528)	45.1 (1145)	17.4 (441)	18.6 (472)	13.00, 14.00	NA	459 (285)	198 (90)	12800 (5800)	130 (900)	NA	

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. + - Tread pattern varies (5 rib design) # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. 315/80R22.5 tires used on 8.25" rims are restricted to a maximum of 7610 lbs at 120 psi. Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.

# GRABBER OD

## ON/OFF ROAD DRIVE



### APPLICATIONS:

Construction Service, On/Off Highway, Drive Position

- Deep, self-cleaning tread pattern with cut-resistant compound for long wear and extended mileage
- Excellent traction in all weather conditions, both on and off road
- Sidewall profile resists curb damage, while groove technology reduces stone retention and drilling

Compares to:  
Firestone T831, Yokohama LY053  
& BF Goodrich DR675

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32nds)	MAX. SPEED MPH #	STATIC LOADED RADIUS IN (mm)	OVERALL INFLATED DIAMETER IN (mm)	OVERALL INFLATED WIDTH IN (mm)	LOADED SECTION WIDTH IN (mm)	APPROVED RIMS	MIN. DUAL SPACING IN (mm)	REVS. PER MILE (km)	TIRE WEIGHT LB (kg)	MAX LOAD@INFLATION		
												SINGLE LB (kg)	SINGLE PSI (KPa)	DUAL LB (kg)	DUAL PSI (KPa)
TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS															
11R22.5 *	H	05250330000	30   68	19.6   (498)	42.3   (1074)	11.1   (282)	12.2   (310)	8.25, 7.50	12.5   (318)	489   (304)	128   (58)	6610   (3000 830)	120	6005   (2725 830)	120
11R24.5	H	05250340000	30   68	20.6   (524)	44.2   (1123)	11.1   (281)	12.2   (310)	8.25, 7.50	12.5   (318)	468   (291)	137   (62)	7160   (3250 830)	120	6610   (3000 830)	120

Note - Rim listed first is the measuring rim. Minimum Dual Spacing calculated without chains. \* - ECE Certified # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should be adjusted accordingly. Continental Tire the Americas, LLC, reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturers load and inflation limits. Never exceed rim manufacturers limits without permission of component manufacturer.





# LOAD INFLATION TABLES

## Commercial Vehicle Tires Conventional Sizes on 15 Degree Drop -Center Rims - Radial Ply

Tire Loads Limits at Various Cold Inflation Pressures

<b>22.5"</b>		kPa	480	520	550	590	620	660	690	720	760	790	830	
		psi	70	75	80	85	90	95	100	105	110	115	120	
11R22.5	**	dual	kg	1990	2080	2160	2250	2360	2460	2560	2650 (G)	2680	2710	2725 (H)
		lbs	4380	4580	4760	4950	5205	5415	5625	5840 (G)	5895	5960	6005 (H)	
	single	kg	2050	2160	2260	2370	2500	2600	2700	2800 (G)	2870	2940	3000 (H)	
		lbs	4530	4770	4990	5220	5510	5730	5950	6175 (G)	6320	6465	6610 (H)	
<b>24.5"</b>		kPa	480	520	550	590	620	660	690	720	760	790	830	
		psi	70	75	80	85	90	95	100	105	110	115	120	
11R24.5	*	dual	kg	2110	2210	2300	2390	2500	2580	2660	2725 (G)	2820	2910	3000 (H)
		lbs	4660	4870	5070	5260	5510	5675	5840	6005 (G)	6205	6405	6610 (H)	
	single	kg	2190	2300	2410	2520	2650	2770	2890	3000 (G)	3080	3160	3250 (H)	
		lbs	4820	5070	5310	5550	5840	6095	6350	6610 (G)	6790	6970	7160 (H)	

\* Based on TRA

\*\*Based on ETRTO

Note: Letters in parentheses denote load range for which boldface loads are maximum.

CAUTION: Always use approved tire and rim combinations for diameters and contours. Note: All values are for 65 mph unless otherwise noted, for tire and load inflation at various speeds see page 28.

## Commercial Vehicle Tires Metric and Wide-Base Sizes on 15 Degree Drop -Center Rims - Radial Ply

Tire Loads Limits at Various Cold Inflation Pressures

<b>22.5"</b>		kPa	480	520	550	590	620	660	690	720	760	790	830	830	900	
		psi	70	75	80	85	90	95	100	105	110	115	120	125	130	
255/70R22.5	*	Dual	kg	--	--	1800	1860	1940	2000	2020	2090	2120	2230	2300 (H)	--	--
		lbs	--	--	3970	4110	4275	4410	4455	4610	4675	4915	5070 (H)	--	--	
	Single	kg	--	--	1900	1980	2060	2120	2220	2300	2360	2450	2500 (H)	--	--	
		lbs	--	--	4190	4370	4550	4675	4895	5065	5205	5400	5510 (H)	--	--	
295/75R22.5	**	Dual	kg	1860	1950	2060	2130	2220	2300	2390	2470	2575 (G)	2630	2800 (H)	--	--
		lbs	4095	4300	4540	4690	4885	5070	5260	5440	5675 (G)	5795	6175 (H)	--	--	
	Single	kg	2040	2140	2240	2340	2440	2500	2620	2710	2800 (G)	2890	3150 (H)	--	--	
		lbs	4500	4725	4940	5155	5370	5510	5780	5980	6175 (G)	6370	6940 (H)	--	--	
315/80R22.5	*	Dual	kg	--	--	2575	2650	2750	2900	2970	3070	3150	3270	3450	3600	3750 (L)
		lbs	--	--	5675	5840	6070	6395	6545	6770	6940	7210	7610	7940	8270 (L)	
	Single	kg	--	--	2800	2910	3030	3150	3260	3370	3450	3590	3750	3960	4125 (L)	
		lbs	--	--	6175	6415	6670	6940	7190	7440	7610	7920	8270	8600	9090 (L)	
385/65R22.5	**	Dual	kg	--	--	--	--	--	--	--	--	--	--	--	--	
		lbs	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Single	kg	2880	3060	3150	3350	3470	3650	3740	3850	4000	4100	4250	4360	4500 (L)	
		lbs	6380	6720	6940	7350	7650	8050	8230	8510	8820	9050	9370	9610	9920 (L)	
425/65R22.5	**	Dual	kg	--	--	--	--	--	--	--	--	--	--	--	--	
		lbs	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Single	kg	3430	3640	3750	3980	4130	4250	4440	4580	4750	4880	5150 (L)	--	--	
		lbs	7590	7990	8270	8740	9100	9370	9790	10100	10500	10700	11400 (L)	--	--	
445/65R22.5	*	Dual	kg	--	--	--	--	--	--	--	--	--	--	--	--	
		lbs	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Single	kg	3720	3950	4125	4320	4470	4625	4820	4960	5150	5290	5800 (L)	--	--	
		lbs	8230	8660	9090	9480	9870	10200	10600	11000	11400	11700	12800 (L)	--	--	
<b>24.5"</b>		kPa	480	520	550	590	620	660	690	720	760	790	830	--	--	
		psi	70	75	80	85	90	95	100	105	110	115	120	--	--	
285/75R24.5	*	Dual	kg	1870	1970	2060	2150	2240	2360	2410	2490	2575 (G)	2660	2800 (H)	--	--
		lbs	4135	4340	4540	4740	4930	5205	5310	5495	5675 (G)	5860	6175 (H)	--	--	
	Single	kg	2060	2160	2240	2360	2460	2575	2650	2740	2800 (G)	2920	3075 (H)	--	--	
		lbs	4545	4770	4940	5210	5420	5675	5835	6040	6175 (G)	6440	6780 (H)	--	--	

\* Based on TRA      \*\*Based on ETRTO  
 Note: Letters in parentheses denote load range for which boldface loads are maximum.      **CAUTION: Always use approved tire and rim combinations for diameters and contours. Note: All values are for 65 mph unless otherwise noted, for tire and load inflation at various speeds see page 28.**

## LOAD LIMITS AT VARIOUS SPEEDS FOR RADIAL PLY TRUCK TIRES USED ON IMPROVED SURFACES

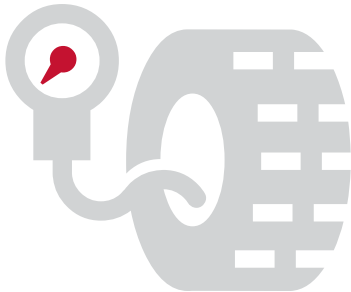
(These Tables apply to tires only. Consult rim/wheel manufacturer for rim/wheel load and inflation capacities.)

TIRE and RIM ASSOCIATION STANDARD

### FOR METRIC AND WIDE BASE TIRES

The service load and minimum (cold) inflation must comply with the following limitations unless a speed restriction is indicated on the tire or the manufacturer rates the tire at 75 mph or above.

SPEED RANGE (MPH)	RADIAL PLY TIRES	
	INFL. PRESSURE CHANGE	% LOAD CHANGE
71 thru 75	+5psi	-12%
66 thru 70	+5psi	-4%
51 thru 65	No increase	None
41 thru 50	No increase	+7%
31 thru 40	No increase	+9%
21 thru 30	+10 psi	+12%
11 thru 20	+15 psi	+17%
6 thru 10	+20 psi	+25%
2.6 thru 5	+20 psi	+45%
Creep thru 2.5	+20 psi	+55%
Creep (2)	+30 psi	+75%
Stationary	+30 psi	+105%



1. Apply these increases to Dual Loads and Inflation Pressures.

2. Creep — Motion for not over 200 feet in a 30-minute period.

**Note 1:** The inflation pressures shown in the minimum cold pressures for the various loads listed. Higher pressures should be used as follows:

A. When required by the above speed/load table.

B. When higher pressures are desirable to obtain improved operating performance.

For speeds above 20 mph, the combined increases of A and B should not exceed 20 psi above the inflation specified for the maximum load of the tire.

**Note 2:** Load limits at various speed for:

Tires used in highway service at Restricted Speed.

Mining and Logging Tires used in Intermittent Highway Service.

THE MAXIMUM LOAD AND INFLATION CAPACITY OF THE RIM MUST NOT BE EXCEEDED.

### FOR CONVENTIONAL TIRES

The service load and minimum (cold) inflation must comply with the following limitations unless a speed restriction is indicated on the tire or the manufacturer rates the tire at 75 mph or above.

SPEED RANGE (MPH)	RADIAL PLY TIRES	
	INFL. PRESSURE CHANGE	% LOAD CHANGE
71 thru 75	+5psi	-12%
66 thru 70	+5psi	-4%
51 thru 65	No increase	None
41 thru 50	No increase	+9%
31 thru 40	No increase	+16%
21 thru 30	+10 psi	+24%
11 thru 20	+15 psi	+32%
6 thru 10 (1)	+30 psi	+60%
2.6 thru 5 (1)	+30 psi	+85%
Creep thru 2.5 (1)	+30 psi	+115%
Creep (1) (2)	+40 psi	+140%
Stationary (1)	+40 psi	+185%



## SAFETY WARNING

Follow tire manufacturer's instructions. Check inflation pressure frequently with gauge.

### Serious Injury May Result From:

- Explosion of tire/rim assembly due to improper mounting: use safety and clip-on extension air hose. Only specially trained persons should mount tires.
- Tire failure due to misapplication/improper inflation/loading.



## MATCH TIRE FOR SPEED AND AXLE WEIGHTS

In a tire selection process, it is mandatory that consideration be given to selecting a tire size and load range which at least equals the maximum load requirements by axle position (steer, drive or trail). All highway truck tires have load limits established for tires used in normal highway service. Therefore, when selecting a tire for service, both the carrying capacity and speed implications must be considered.

TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES THE PRESSURE IS MINIMUM FOR LOAD										
MAXIMUM SPEED OF 65 MPH									Example for LRG	
SIZE			70 (480)	75 (520)	80 (550)	85 (590)	90 (620)	95 (660)	100 (690)	105 (720)
11R22.5	Dual	kg	1990	2080	2160	2250	2360	2460	2560	2650(G)
		lbs	4380	4580	4760	4950	5205	5415	5625	5840(G)
	Single	kg	2050	2160	2260	2370	2500	2600	2700	2800(G)
		lbs	4530	4770	4990	5220	5510	5730	5950	6175(G)
11R24.5	Dual	kg	2110	2210	2300	2390	2500	2580	2660	2725(G)
		lbs	4660	4870	5070	5260	5510	5675	5840	6005(G)
	Single	kg	2190	2300	2410	2520	2650	2770	2890	3000(G)
		lbs	4820	5070	5310	5550	5840	6095	6350	6610(G)

## LOAD RANGE DESIGNATION-PLY RATING EQUIVALENCY TABLE

LOAD RANGE	PLY RATING	LOAD RANGE	PLY RATING
A	2	G	14
B	4	H	16
C	6	J	18
D	8	L	20
E	10	M	22
F	12	N	24

## SAFETY WARNINGS

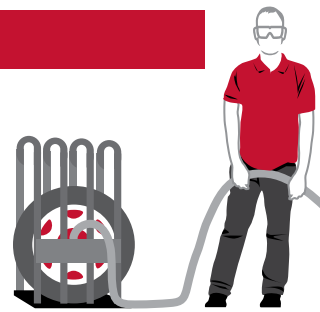
### TIRE DEMOUNTING AND MOUNTING SAFETY PRECAUTIONS

#### Serious Injury or Death May Result From:

— Explosion of tire/rim assembly due to improper mounting: use safety cage and cup or extension air hose. Only specially trained persons should mount tires.

Tire and wheel servicing can be dangerous, and should be done by trained personnel using proper tools and procedures. Follow the procedures and safety precautions in the RMA's "Demounting and Mounting Procedures for Trucks/Bus Tires" and "Inspection procedures for identification of potential zipper ruptures in steel cord radial medium and light truck tires" charts and service bulletins.

Failure to comply with these procedures may result in faulty positioning of the tire and/or rim parts, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death. Never mount or use damaged tires or rims.



### MISAPPLICATION/IMPROPER INFLATION OVERLOADING SAFETY WARNINGS

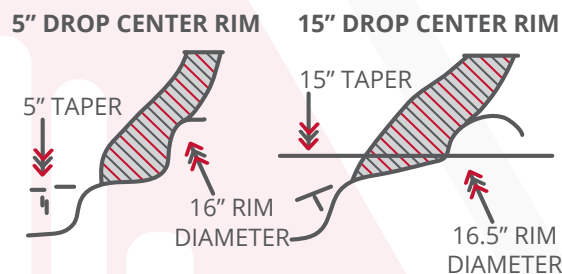
There is a danger of serious injury or death if a tire of one bead diameter is installed on a rim or wheel of a different rim diameter.

Re-assembly and inflation of mismatched parts can result in serious injury or death. Just because parts come in together does not mean they belong together. Check for proper matching of all rim parts before putting any parts together.

ALWAYS replace a tire with another tire of exactly the same bead diameter designation and suffix letters. For example: A 16" tire goes on a 16" rim. NEVER mount a 16" tire on a 16.1" or 16.5" rim. A 16.1" tire goes on a 16.1" rim. NEVER mount a 16.1" tire on a 16" or 16.5" rim. A 16.5" tire goes on a 16.5" rim. NEVER mount a 16.5" tire on a 16" or 16.1" rim.

While it is possible to pass a 16" diameter tire over the lip or flange of a 16.1" or 16.5" size diameter rim, it cannot be inflated enough to position itself against the rim flange. If an attempt is made to seat the tire bead by inflating, the tire bead will break with explosive force and could cause serious injury or death.

Rims of different diameters and tapers cannot be interchanged. The following diameter illustrates the difference between rims of two different tapers and diameters.



The following diagram shows how beads of a 16" tire will not seat on a 16.5" rim. The beads cannot be forced out against the rim flanges by using more air pressure because this will break the beads and the tire will explode with force sufficient to cause serious injury or death.



Never assemble a tire and rim unless you have positively identified and correctly matched the parts.

### NEVER INFLATE BEYOND 40 POUNDS PRESSURE TO SEAT BEADS. NEVER STAND, LEAN OR REACH OVER THE ASSEMBLY DURING INFLATION.

Inspect both sides of the tire to be sure that the beads are evenly seated. If tire is mounted on a machine that does not have a positive lock-down device to hold the wheel, inflation should be done on a safety cage. If both beads are not properly seated when pressure reaches 40 pounds, completely deflate the assembly, reposition the tire and/or tube on the rim, relubricate and reinflate. Inflating beyond 40 pounds air pressure when trying to seat the beads is a DANGEROUS PRACTICE that may break a tire bead (or even the rim) with explosive force, possibly resulting in serious injury or death. After the beads are fully seated, pressure may be increased above 40 psi to operating pressure, not to exceed the maximum labeled on the tire sidewall.



## SAFETY WARNINGS

- »» Permanent tire damage due to underinflation and/or overloading cannot always be detected. Any tire known or suspected to have been run at 80% or less of normal operating inflation pressure and/or overloaded, could possibly have permanent structural damage (steel cord fatigue). Ply cords weakened by underinflation and/or overloading may break one after another, until a rupture occurs in the upper sidewall with accompanying instantaneous air loss and explosive force. This can result in serious injury or death.

Any tire suspected of having been operated underinflated and/or overloaded must be approached with caution. Completely deflate the tire by removing the valve core before removing the tire rim/wheel assembly from the vehicle. After removing from the vehicle, clearly identify the tire so it will not be reinflated until carefully inspected by a trained technician to determine the cause of underinflation, as well as any tire damage resulting from under inflation and/or overloading.

- »» The use of a flammable material during tire servicing is absolutely prohibited. Use of starting fluid other, gasoline, or any other flammable material to lubricate, seal or seat the beads of a tubeless tire can cause the tire to explode or can cause the explosive separation of the tire/trim assembly resulting in serious injury or death. —This practice may also result in undetected damage to the tire or rim that could result in failure of the tire service.

- »» The air pressure contained in a tire is dangerous. The sudden release of this pressure by a tire blow-out or side ring separation can cause serious injury or death. Stay out of the trajectory as indicated by shaded area. When installing the tire/rim assembly on the vehicle, it will be impossible to stay out of the trajectory; however, at all other times you and all others must stay out of the trajectory.

- »» When mounting dual disc wheels on a vehicle, be sure to carefully check and retighten or retorque inner cap nuts before mounting the outer wheel, in demounting the outer wheel, there is a possibility that the inner cap nuts may have been loosened accidentally.

NEVER rework, weld, nest, or braze the tire/wheel/trim. Heating the rim of tire/wheel/rim assembly can cause a tire to explode, causing serious injury or death.

NEVER hammer, strike or pry on any type of tire/rim assembly while the tire contains inflation pressure. Do not attempt to seat any part while the tire contains any inflation pressure. This could result in serious injury or death.



### Tire Explosions

Tire explosions can cause death or personal injury or property damage. Excessive speed in a free-running, unloaded tire can cause it to “explode” from extreme centrifugal force.



## REGROOVING

Continental, General Tire, AmeriSteel, and Euzkadi brand truck tires that have “REGROOVABLE” molded on the sidewall may be regrooved. After regrooving, it is required that 3/32” of under tread remains to cover the top ply. It is the responsibility of the regroover to assure that all Federal Regulations are met. For further clarification, see Code of Federal Regulations: Title 49, Transportation: Parts 569 and 393.75.



To learn more, please contact your nearest General Tire Dealer or visit [www.generaltiretruck.com](http://www.generaltiretruck.com)

Continental Tire the Americas | 1830 MacMillan Park Drive | Fort Mill, SC 29707

Phone: 704-583-3900

Inside Sales: 800-450-3187

Continental Tire Canada, Inc. | 6110 Cantay Road | Mississauga, ON L5R 3W5

Phone: 905-568-1303

Continental Tire de México S.A de C.V. | Av. Santa Fe 170 Piso 7 Col. Lomas de Santa Fe | Del. Alvaro Obregón C.P. 01210 México D.F

Phone: 52 + 55-15-00-09-00