



**GENERALTIRE**  <sup>TM</sup>

**DELIVERS**

**2024**  
**TRUCK TIRE DATA GUIDE**



AT GENERAL TIRE, WE THINK YOU SHOULD  
DEMAND MORE FROM YOUR TIRES.

FOR MORE THAN A CENTURY, WE'VE BUILT GREAT  
TIRES THAT DELIVER THE RIGHT COMBINATION  
OF PERFORMANCE, DURABILITY, AND VALUE.

ALL SO WE CAN DELIVER THE TIRE YOU NEED,  
FOR WHATEVER APPLICATION LIFE DEMANDS.

**GENERAL TIRE** 

**DELIVERS**



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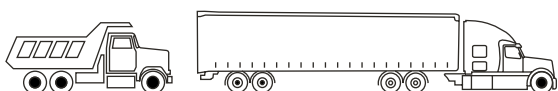
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# APPLICATION GUIDE

AXLE	STEER/ALL-POSITION*	DRIVE POSITION	TRAILER POSITION
------	---------------------	----------------	------------------



- › MANY MILES TO REMOVAL
- › FUEL EFFICIENT
- › COMFORTABLE RIDE

## HIGHWAY, LONG DISTANCE HAULS



GENERAL HS 2



GENERAL HD 2



GENERAL HD



GENERAL HT+



- › GREAT HANDLING
- › DURABLE TREAD COMPOUNDS

## REGIONAL/URBAN HAULS



GENERAL RA



GENERAL RA 2  
(19.5")



GENERAL WT



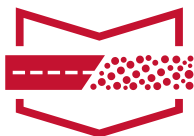
GENERAL RD



GENERAL RD 2  
(19.5")



GENERAL  
ST250 LP



- › EXCELLENT TRACTION
- › TOUGH CASING
- › CONSTRUCTION SERVICE

## ON-/OFF-ROAD, SHORT DISTANCE HAULS



GRABBER OA 2



GRABBER OA 2  
(Wide Base)



GRABBER OD

*\*Tires in the steer axle position are also suitable for trailing axles on trucks and as all-position fitment where traction is not of paramount importance.*



# GENERAL AVAILABILITY

## MEDIUM RADIAL TRUCK TIRES **LOAD RANGE - TREAD DEPTHS (32NDS)**

TIRE SIZE	GENERAL HS 2	GENERAL HD 2	GENERAL HD	GENERAL HT+	GENERAL RA	GENERAL RA 2	GENERAL RD	GENERAL RD 2	GENERAL ST250 LP	GENERAL WT	GRABBER OA 2	GRABBER OA 2 (WIDE BASE)	GRABBER OD
CONVENTIONAL													
11R22.5	H - 19	G - 28	H - 30	G - 13	H - 20		G/H - 28				H - 24		H - 30
11R24.5	H - 19	G - 28	H - 30	G - 13	H - 20		G/H - 28				H - 24		H - 30
LOW PROFILE													
255/70R22.5				H - 18					H - 16				
295/75R22.5	H - 19	G - 28		G - 13	H - 20		G - 28						
315/80R22.5										L - 26	L - 23		
285/75R24.5	H - 19	G - 28		G - 13	H - 20		G - 28						
SUPER SINGLE													
385/65R22.5												L - 21	
425/65R22.5												L - 24	
445/65R22.5												L - 23	
19.5"													
225/70R19.5						G - 16		G - 18					

All tires are tubeless except where noted. See Pg. 23 For load range/ply rating equivalency table.

# GENERAL COMPARISON

## TRUCK TIRE COMPARISON CHART

<b>GENERAL TIRE</b> 	FIRESTONE	GOODYEAR	YOKOHAMA	BF GOODRICH
GENERAL HS 2	FS591	MARATHON LHS	101ZL	ST244
GENERAL HD 2	FD692	MARATHON LHD	712L	DR454
GENERAL HT+	FT492	MARATHON LHT	BLUEARTH 109L	HIGHWAY CONTROL T
GENERAL HD	FD694	MARATHON RSD	TY527	DR444
GENERAL RA	FS561	MARATHON RSA	104ZR	ROUTE CONTROL S
GENERAL RA 2 (19.5")	FS561	—	115R	ROUTE CONTROL S
GENERAL RD	FD711	MARATHON RSD	715R	ROUTE CONTROL D
GENERAL RD 2 (19.5")	TRANSFORCE AT2	—	720R	ROUTE CONTROL D
GENERAL ST250 LP	FS560 PLUS	MARATHON RSA	RY023	—
GENERAL WT	FS860	G289 WHA	506U	CROSS CONTROL S
GRABBER OA 2	FS821	WORKHORSE MSA	504C	CROSS CONTROL S
GRABBER OA 2 (WIDE BASE)	FS818	WORKHORSE MSA	RY253	CROSS CONTROL S
GRABBER OD	T831	WORKHORSE MSD	LY053	CROSS CONTROL D

# SMARTWAY® VERIFIED



FUEL  
SAVINGS



CLEANER  
AIR



COST  
SAVINGS



ENVIRONMENTALLY  
FRIENDLY

THE FOLLOWING LOW-ROLLING RESISTANCE TIRES ARE SMARTWAY® VERIFIED  
WHEN USED ON CLASS 8, LONG HAUL TRACTOR TRAILERS:



GENERAL HS 2  
HIGHWAY — STEER



GENERAL HD 2  
HIGHWAY — DRIVE



GENERAL HT+  
HIGHWAY — TRAILER

## VERIFIED LOW-ROLLING RESISTANCE TIRE PRODUCTS

*For more information on SmartWay® or to review the list of SmartWay® verified low rolling resistance tires and retread technologies, visit [www.epa.gov/smartway](http://www.epa.gov/smartway). More tires and retreads may currently be verified by SmartWay®, always review the SmartWay website for current information.*

The EPA has determined that certain tire product models and technologies can reduce NOx emissions and fuel use by 3 percent or more, relative to the best-selling products for line haul class 8 tractor trailers. These improvements are achieved under the following conditions:

- › Tires are used in the correct axle positions.
- › Verified low rolling resistance tires are installed on all of the axle positions of the tractor and trailer.
- › All tires must be properly inflated according to the manufacturer's specifications.



**GENERAL RA**  
REGIONAL — ALL-POSITION





# HIGHWAY

› LONG DISTANCE HAULS › MANY MILES TO REMOVAL › FUEL EFFICIENT › COMFORTABLE RIDE





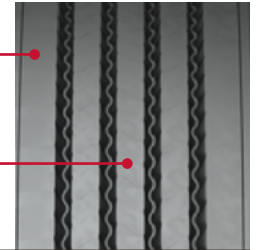
SMARTWAY® VERIFIED

LONG HAUL,  
HIGHWAY STEER POSITION

# GENERAL HS 2

NEW TREAD FOOTPRINT DELIVERS  
SIGNIFICANT WEAR IMPROVEMENT.  
50% BETTER MILEAGE \*

ADVANCED TREAD COMPOUND PROVIDES  
LOW ROLLING RESISTANCE FOR  
OPTIMAL FUEL EFFICIENCY



## FEATURES & BENEFITS

Technologically advanced tread compound contributes to low rolling resistance for **optimum fuel efficiency**. Smartway® verified.

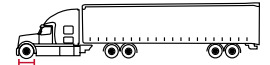
Improved footprint delivers significant wear improvements for increased removal miles.  
**More than 50% mileage improvement.\***

Shoulder and decoupler groove modifications add **enhanced durability for resistance to cuts and tears**.

Casing platform delivers **optimal performance & maximum retreadability**.

Enhanced bead to belt package increases casing durability for **maximum retreadability**.

\*Improvement versus predecessor General HS.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
11R22.5	H	05112020000 *05653890000*	19	75	19.5	495	41.5	1054	11.2	283	12.2	309	8.25, 7.50	12.5	318	499	310	118	53	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
295/75R22.5	H	05112030000 *05653900000*	19	75	18.8	477	40.3	1024	11.2	284	12.2	310	8.25, 9.00	12.5	318	514	319	115	52	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
11R24.5	H	05112040000 *05653910000*	19	75	20.4	518	43.5	1105	11.2	285	12.3	320	8.25, 7.50	12.5	318	476	296	126	57	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
285/75R24.5	H	05112050000 *05653920000*	19	75	19.5	495	41.5	1055	10.9	276	12.0	305	8.25, 7.50 9.00	12.5	318	498	310	119	54	6780 / 120 (3075 / 830)	6175 / 120 (2800 / 830)

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

Note - Rim listed first is the measuring rim. \* = Intelligent Tire Article #. 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 Tire to deliver commercial truck tires that work as hard as you do.**





SMARTWAY® VERIFIED

LONG HAUL,  
HIGHWAY TANDEM DRIVE AXLE

# GENERAL HD 2

CLOSED SHOULDER DESIGN  
PROVIDES EVEN WEAR

LOW ROLLING RESISTANCE FOR  
MAXIMIZED FUEL EFFICIENCY



## FEATURES & BENEFITS

New advanced tread compound provides **improved mileage and durability.\***

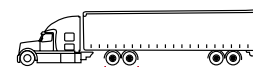
**Low rolling resistance** for great maximized fuel economy. Smartway® verified.

**28/32nds tread depth** for extended tire life.

**Closed shoulder tread design** provides even tread wear and enhanced wet traction.

Patented innovative groove technology leads to **minimum stone retention**, extending casing life.

\*Improvement versus predecessor General HD.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
11R22.5	G	05211770000 #05653500000	28	75	19.6	498	42.0	1067	11.1	282	12.1	307	8.25, 7.50	12.5	318	493	306	123	56	6175 / 105 (2800 / 720)	5840 / 105 (2650 / 720)
295/75R22.5	G	05211790000 #05653520000	28	75	18.9	481	40.7	1034	11.0	279	12.0	304	9.00, 8.25	12.5	318	509	316	115	52	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)
11R24.5	G	05211800000 #05653530000	28	75	20.6	523	44.0	1118	11.1	282	12.1	307	8.25, 7.50	12.5	318	470	292	132	60	6610 / 105 (3000 / 720)	6005 / 105 (2725 / 720)
285/75R24.5	G	05211830000 #05653550000	28	75	19.6	498	42.0	1067	10.7	272	12.1	307	8.25, 7.50	12.5	318	493	306	121	55	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. # = Intelligent Tire Article #. 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.

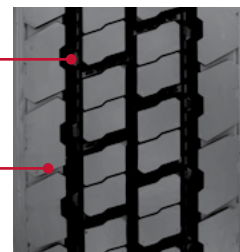


LONG / SHORT HAUL,  
DRIVE AXLE

# GENERAL HD

STONE EJECTOR

DURABLE COMPOUND



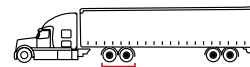
## FEATURES & BENEFITS

**Deep 30/32nds tread** with intermediate blocks deliver sustained traction in demanding applications.

**Closed shoulder** tread design delivers high mileage.

**Stone ejection system** reduces stone retention.

**Durable tread compounding** to deliver cut & chip resistance and long tread life.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
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
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)

### TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

Note - Rim listed first is the measuring rim. \*\* = Intelligent Tire Article #. 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 Tire to deliver commercial truck tires that work as hard as you do.**



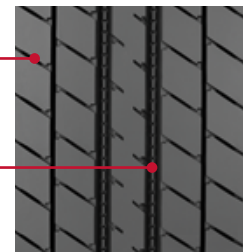
SMARTWAY® VERIFIED

# LONG HAUL, FUEL EFFICIENT TRAILER TIRE

## GENERAL HT+

20% MILEAGE IMPROVEMENT\*  
DUE TO ADVANCED COMPOUND

ULTRA LOW ROLLING RESISTANCE  
PROVIDES MAXIMUM FUEL EFFICIENCY



### FEATURES & BENEFITS

Advanced tread compound delivers **20% mileage improvement.\***

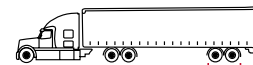
**Ultra low rolling resistance,**  
Smartway® verified.

Improved compounds with superior tear resistance for **15% more cut/chip/chunk resistance.\***

Self-cleaning tread design and groove geometry **prevents stone trapping** for extended casing life.

Superior bead and belt package for casing durability and **maximum retreadability.**

\*Improvement versus predecessor General HT.



### TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
11R22.5	G	05310670000 #05653700000	13	75	19.3	490	41.1	1044	11.1	282	12.2	310	8.25, 7.50	12.5	318	504	313	106	48	6175 / 105 (2800 / 720)	5840 / 105 (2650 / 720)
295/75R22.5	G	05310690000 #05653720000	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	05310700000 #05653730000	13	75	20.2	513	43.0	1092	11.1	282	12.2	310	8.25, 7.50	12.5	318	481	299	114	52	6610 / 105 (3000 / 720)	6005 / 105 (2725 / 720)
285/75R24.5	G	05310710000 #05653740000	13	75	19.1	485	41.1	1044	10.9	277	12.0	305	8.25	12.5	318	504	313	104	47	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)
255/70R22.5	H	05310680000 #05653710000	18	75	16.5	420	36.6	930	9.9	251	10.3	262	6.75, 7.50, 8.25	11.3	287	566	351	90	41	5510 / 120 (2500 / 830)	5070 / 120 (2300 / 830)

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

Note - Rim listed first is the measuring rim. \*\* = Intelligent Tire Article #. 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.



# REGIONAL/URBAN

› GREAT HANDLING › DURABLE TREAD COMPOUNDS



**DELIVERS**





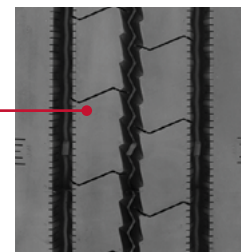
ALL-POSITION SERVICE  
IN REGIONAL HAULING,  
PICK-UP & DELIVERY,  
AND ON/OFF HIGHWAY

# GENERAL RA



SMARTWAY® VERIFIED

TREAD COMPOUNDING PROVIDES  
RESISTANCE TO ABRASION,  
CUTTING AND CHIPPING

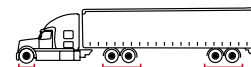


## FEATURES & BENEFITS

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 while achieving Smartway® verified.

The General RA will deliver **performance that lowers costs** for your business and gives drivers confidence in demanding applications.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
11R22.5	H	05122920000 #05650950000	20	75	19.3	490	41.4	1052	11.1	281	11.9	302	8.25, 7.50	12.5	318	500	311	114	52	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
295/75R22.5	H	05122910000 #05651120000	20	75	18.6	472	40.1	1019	11.0	279	12.5	318	8.25, 9.00	12.5	318	516	321	109	49	6940 / 120 (3150 / 830)	6175 / 120 (2800 / 830)
11R24.5	H	05122930000 #05651130000	20	75	20.3	516	43.4	1103	11.1	281	11.9	302	8.25, 7.50	12.5	318	477	296	123	56	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 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	114	52	6780 / 120 (3075 / 830)	6175 / 120 (2800 / 830)

TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS

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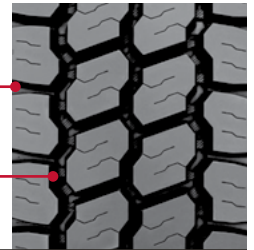


## HIGHWAY SINGLE/TANDEM DRIVE AXLE

# GENERAL RD

OPEN SHOULDER TREAD DESIGN  
PROVIDES GREAT TRACTION

STONE BUMPERS MINIMIZE  
STONE RETENTION

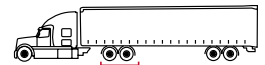


### FEATURES & BENEFITS

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.



### TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
11R22.5	H	05211040000 #0565318000#	28	75	19.5	495	41.8	1062	11.3	287	12.1	307	8.25	12.5	318	495	308	122	55	6610 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
295/75R22.5	G	05211080000	28	75	18.9	480	40.8	1036	11.0	279	12.2	310	8.25	12.5	318	508	315	114	52	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)
11R24.5	H	05211060000 #05653200000#	28	75	20.6	523	43.8	1113	11.3	287	12.2	310	8.25	12.5	318	473	294	131	59	7160 / 120 (3250 / 830)	6610 / 120 (3000 / 830)
285/75R24.5	G	05211070000	28	75	19.6	498	42.0	1066	10.7	273	12.1	307	8.25	12.5	318	493	306	118	53	6175 / 110 (2800 / 760)	5675 / 110 (2575 / 760)

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

Note - Rim listed first is the measuring rim. # = Intelligent Tire. 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 manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer.



19.5" ALL-POSITION  
REGIONAL, PICK-UP & DELIVERY,  
AND ON/OFF HIGHWAY

**M+S**

MUD + SNOW RATED

# GENERAL RA 2

TREAD COMPOUNDING DESIGNED  
TO PROVIDE DURABILITY AND  
IMPROVED MILEAGE



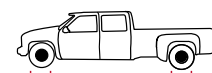
## FEATURES & BENEFITS

Closed shoulder tread pattern provides **even wear and reduced noise**, while still delivering M+S rating.

**Scuff rib** to protect against curbing, cuts and abrasions.

Tread compounding designed for **improved mileage and durability**.

16/32nds all-position tread pattern **provides extended mileage** in regional, local service and off-road use.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION			
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
225/70R19.5	G	05126710000 #05655030000#	16	87	15.1	382	32.1	816	8.7	221	9.3	237	6.00, 6.75	10.0	254	644	400	63	29	3970 / 110 (1800 / 760)	3750 / 110 (1700 / 760)		

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

Note - Rim listed first is the measuring rim. # = Intelligent Tire. 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 manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer.

Whether your operation is highway, regional, urban or on/off-road, **you can trust General Tire to deliver commercial truck tires that work as hard as you do.**



19.5" DRIVE REGIONAL,  
PICK-UP & DELIVERY,  
AND ON/OFF HIGHWAY

# GENERAL RD 2

**M+S**  
MUD + SNOW RATED

AGGRESSIVE TREAD DESIGN  
DELIVERS TRACTION IN ALL  
WEATHER CONDITIONS

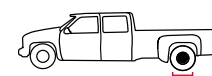


## FEATURES & BENEFITS

**Open shoulder tread** designed with tie bar for traction and durability.

18/32nds tread pattern provides **excellent traction and long mileage** in regional, local service and on/off road conditions.

Tread compounding designed to provide **increased mileage and durability**.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
225/70R19.5	G	05225800000 *05655040000*	18	87	15.1	384	32.2	819	8.7	221	9.4	238	6.00, 6.75	10.0	254	642	399	63	29	3970 / 110 (1800 / 760)	3750 / 110 (1700 / 760)

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

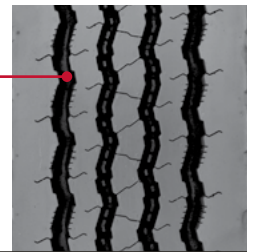
Note - Rim listed first is the measuring rim. \* = Intelligent Tire. Minimum Dual Spacing calculated without chains. # - Exceeding the lawful speed limit is neither recommended nor endorsed. Overall widths will change 0.1 inch (2.5 mm) for each 1/4 inch change in rim width. Minimum dual spacing should 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 manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer.

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LONG HAUL AND REGIONAL  
HAUL, ON/OFF HIGHWAY,  
LOW PLATFORM TRAILER AXLE

GROOVES PROVIDE  
ENHANCED WET TRACTION

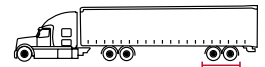


# GENERAL ST250 LP

## FEATURES & BENEFITS

Unique grooves provide water evacuation contributing to **enhanced wet traction**.

**Patented stone ejection system** reduces stone retention and casing penetrations.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
255/70R22.5	H	05681130000	16	75	16.9	429	36.5	927	9.8	249	11.0	279	8.25, 7.50	11.3	287	567	352	88	40	5510 / 120 (2500 / 830)	5070 / 120 (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 manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer.



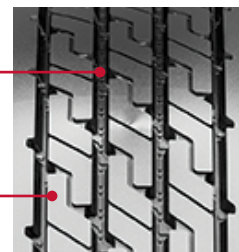


WASTE TRANSPORT AND  
OTHER HIGH SCRUB,  
URBAN APPLICATIONS

# GENERAL WT

GROOVE TECHNOLOGY LEADS TO  
MINIMUM STONE RETENTION

COMPOUND PROVIDES RESISTANCE TO  
ABRASION, CUTTING AND CHIPPING

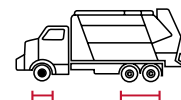


## FEATURES & BENEFITS

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.



## TECHNICAL DATA

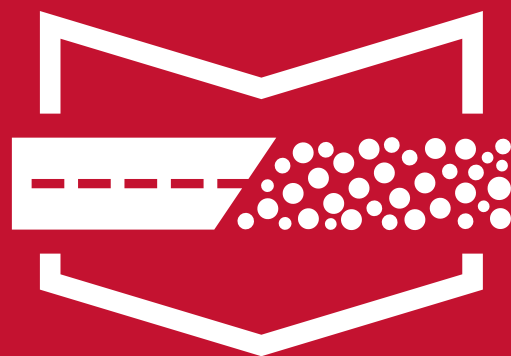
TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
315/80R22.5	L	05323030000 #05655660000#	26	68	20.1	510	43.0	1093	12.5	316	13.6	345	9.00	13.8	351	481	299	163	74	10,000 / 130 (4540 / 900)	9090 / 130 (4125 / 900)

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

Note - Rim listed first is the measuring rim. # = Intelligent Tire. 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. 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 manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer.

Whether your operation is highway, regional, urban or on/off-road, **you can trust General Tire to deliver commercial truck tires that work as hard as you do.**





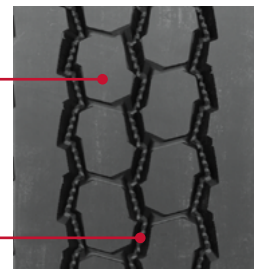
# ON-/OFF-ROAD

› SHORT DISTANCE HAULS › EXCELLENT TRACTION › TOUGH CASING › CONSTRUCTION SERVICE

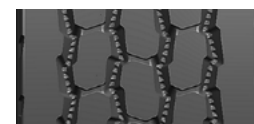




TREAD PATTERN  
DELIVERS 19%  
BETTER MILEAGE



GROOVE TECHNOLOGY LEADS TO  
MINIMAL STONE RETENTION



TREAD B  
(SEE CHART)

CONSTRUCTION SERVICE,  
ON-/OFF-HIGHWAY, ALL-POSITION

# GRABBER OA 2

## FEATURES & BENEFITS

**19% mileage improvement** over previous General Grabber OA.

Chip- and chunk-resistant tread compound delivers **optimal performance**.

**Patented innovative groove technology** leads to minimum stone retention, extending casing life.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
11R22.5	H	05155810000 005654460000	24	68	19.6	498	41.7	1058	11.2	284	12.2	310	8.25, 7.50	12.5	318	496	308	129	59	6610 / 120 (3000 / 825)	6005 / 120 (2725 / 825)
11R24.5	H	05155850000 005654470000	24	68	20.6	523	43.9	1115	11.2	284	12.2	310	8.25, 750	12.5	318	472	293	138	63	7160 / 120 (3250 / 825)	6610 / 120 (3000 / 825)
315/80R22.5 (TREAD B)	L	05155840000 005654480000	22	68	19.8	503	42.7	1085	12.5	318	13.8	351	9.00, 9.75	13.8	351	485	301	160	73	10200 / 130 (4625 / 900)	9090 / 130 (4125 / 900)

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

Note - Rim listed first is the measuring rim. \* = Intelligent Tire. 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 manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer. \*Tires in the Steer axle position are also suitable for trailing axles on trucks and as all-position fitment where traction is not of paramount importance.

Whether your operation is highway, regional, urban or on/off-road, **you can trust General Tire to deliver commercial truck tires that work as hard as you do.**



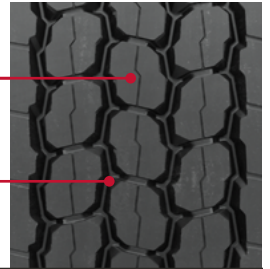


CONSTRUCTION SERVICE,  
ON-/OFF-HIGHWAY, ALL-POSITION  
WIDE BASE

# GRABBER OA 2 WIDE BASE

TREAD PATTERN  
DELIVERS 21%  
BETTER MILEAGE

GROOVE TECHNOLOGY  
LEADS TO MINIMAL  
STONE RETENTION

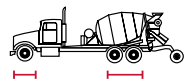


## FEATURES & BENEFITS

**21% mileage improvement** over previous General Grabber OA Widebase.

**Patented innovative groove technology** leads to minimum stone retention, extending casing life.

Aggressive multi-service, all-position tread pattern **provides excellent traction.**



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
385/65R22.5	L	05155860000 005654490000	21	68	19.5	495	42	1067	14.7	373	16.2	411	11.75, 12.25	N/A	N/A	493	306	166	75	9920 / 130 (4500 / 900)	N/A
425/65R22.5	L	05155870000 005654450000	24	68	20.4	518	44.5	1130	16.6	422	18.0	457	13.00, 12.25, 14.00	N/A	N/A	465	289	186	84	11,400 / 120 (5150 / 830)	N/A
445/65R22.5	L	05155880000 005654510000	23	68	20.9	531	45.2	1148	17.4	442	18.6	472	13.00, 14.00	N/A	N/A	458	285	208	94	12,800 / 130 (5800 / 900)	N/A

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

Note - Rim listed first is the measuring rim. ® = Intelligent Tire. 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 manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer. \*Tires in the Steer axle position are also suitable for trailing axles on trucks and as all-position fitment where traction is not of paramount importance.



CONSTRUCTION SERVICE,  
ON-/OFF-HIGHWAY,  
DRIVE POSITION

# GRABBER OD

DEEP 30/32" SELF-CLEANING  
TREAD PATTERN

OPEN SHOULDER PROVIDES  
EXCELLENT TRACTION ON/OFF-ROAD



## FEATURES & BENEFITS

**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.



## TECHNICAL DATA

TIRE SIZE	LOAD RANGE	ARTICLE NUMBER	TREAD DEPTH (32NDS)	MAX. SPEED (MPH)	STATIC LOADED RADIUS		OVERALL INFLATED DIAMETER		OVERALL INFLATED WIDTH		LOADED SECTION WIDTH		APPROVED RIM(S)	MIN. DUAL SPACING		REVS PER UNIT		TIRE WEIGHT		MAX. LOAD @ INFLATION	
					IN	MM	IN	MM	IN	MM	IN	MM		IN	MM	MI	KM	LBS	KG	SINGLE LBS, PSI (KG, KPA)	DUAL LBS, PSI (KG, KPA)
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 / 120 (3000 / 830)	6005 / 120 (2725 / 830)
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 / 120 (3250 / 830)	6610 / 120 (3000 / 830)

**TUBELESS TIRES ON 15 DEGREE DROP CENTER RIMS**

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. 3Continental Tire the Americas, LLC. reserves the right to change product specifications at any time without notice or obligations. Please consult rim manufacturer's load and inflation limits. Never exceed rim manufacturer's limits without permission of component manufacturer.

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# GENERAL INFORMATION

LOAD TABLES/CHARTS



## LOAD RANGE DESIGNATION & PLY RATING EQUIVALENCY TABLE

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

## LOAD INFLATION TABLES TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES

CONVENTIONAL SIZES ON 15 DEGREE DROP – CENTER RIMS – RADIAL PLY															
STANDARD		KPA	480	520	550	590	620	660	690	720	760	790	830	860	900
		PSI	70	75	80	85	90	95	100	105	110	115	120	125	130
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	5950	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)	-	-
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)	-	-

METRIC & WIDE BASE SIZES ON 15 DEGREE DROP – CENTER RIMS – RADIAL PLY															
METRIC		KPA	480	520	550	590	620	660	690	720	760	790	830	860	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	2725 (H)	-	-
		LBS	4095	4300	4540	4690	4885	5070	5260	5440	5675 (G)	5795	6005 (H)	-	-
	SINGLE*	KG	2040	2140	2240	2340	2440	2500	2620	2710	2800 (G)	2890	3000 (H)	-	-
		LBS	4500	4725	4940	5155	5370	5510	5780	5980	6175 (G)	6370	6610 (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)	-	-
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 | Note: Letters in bold parentheses () denote load range for which boldface loads are maximum. Always use approved tire and rim combinations for diameters and contours. All values are for 65 mph unless otherwise noted. For tire load and inflation at various speeds see next page.

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

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.

CONVENTIONAL TIRES – RADIAL PLY		
SPEED RANGE (MPH)	INFLATION PRESSURE CHANGE (PSI)	LOAD CHANGE (%)
71 - 75	+5	-12
66 - 70	+5	-4
51 - 65	NO INCREASE	0
41 - 50	NO INCREASE	+9
31 - 40	NO INCREASE	+16
21 - 30	+10	+24
11 - 20	+15	+32
6 - 10 <sup>(1)</sup>	+30	+60
2.6 - 5 <sup>(1)</sup>	+30	+85
CREEP - 2.5 <sup>(1)</sup>	+30	+115
CREEP <sup>(1)(2)</sup>	+40	+140
STATIONARY <sup>(1)</sup>	+40	+185
METRIC & WIDE BASE TIRES – RADIAL PLY		
SPEED RANGE (MPH)	INFLATION PRESSURE CHANGE (PSI)	LOAD CHANGE (%)
71 - 75	+5	-12
66 - 70	+5	-4
51 - 65	NO INCREASE	0
41 - 50	NO INCREASE	+7
31 - 40	NO INCREASE	+9
21 - 30	+10	+12
11 - 20	+15	+17
6 - 10	+20	+25
2.6 - 5	+20	+45
CREEP - 2.5	+20	+55
CREEP <sup>(2)</sup>	+30	+75
STATIONARY	+30	+105

\*Creep is defined as motion rated less than 200 feet in a 30 minute period.

The information in this table is based on Tire and Rim Association (TRA) standard. **Note:** These tables apply to tires only. Consult rim/wheel manufacturer for rim/wheel load and inflation capacities. **THE MAXIMUM LOAD AND INFLATION CAPACITY OF THE RIM MUST NOT BE EXCEEDED.**



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

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

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

(2) Load limits at various speed for:

- Tires used in highway service at Restricted Speed.
- Mining and Logging Tires used in Intermittent Highway Service.

## 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.



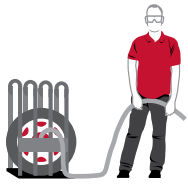
# **SAFETY WARNINGS**

**ALWAYS FOLLOW TIRE MANUFACTURER'S INSTRUCTIONS.  
CHECK INFLATION PRESSURE FREQUENTLY WITH GAUGE.**

**SERIOUS INJURY, DEATH OR PROPERTY DAMAGE MAY RESULT FROM:**

- › **EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING.**
- › **TIRE FAILURE DUE TO MISAPPLICATION, IMPROPER INFLATION OR IMPROPER LOADING.**

## 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

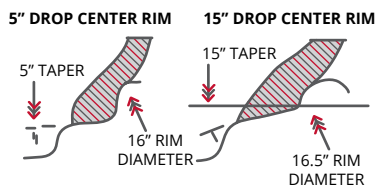
There is a danger of serious injury or death if a tire of one bead diameter is installed on a rim or wheel of a different rim diameter.

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 diagram 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.

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.

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.





***GENERAL TIRE***

**DELIVERS**



**GENERAL TIRE. SINCE 1915.**

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