

RADIAL PLY SYMBOL-MARKED  
AGRICULTURAL R-4 TRACTOR DRIVE WHEEL TIRES  
USED ON INDUSTRIAL TRACTORS

### TIRES USED AS SINGLES WITHOUT SUSTAINED TORQUE

TIRE TYPE NOMENCLATURE		
		MAX. SPEED
		SPEED INDEX
TRA	TIRE TYPE	A8
R-4	Industrial Tractor, Drive Wheel, Intermediate Tread	25 MPH

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES												
	psi	20	23	26	29	32	35	38	41	44				
	kPa	140	160	180	200	220	240	260	280	300				
19.5LR24	LI									<b>152</b>				<b>156</b>
	lbs	4940	5520	6000	6600	6950	7400	<b>7850</b>	8250	<b>8800</b>				
	kg	2240	2500	2725	3000	3150	3350	<b>3550</b>	3750	<b>4000</b>				

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES													
	psi	23	26	29	32	35	38	41	44	46	49	52	55	58	
	kPa	160	180	200	220	240	260	280	300	320	340	360	380	400	
320/80R18	LI					<b>124</b>						<b>134</b>			<b>141</b>
	lbs	2600	2830	3080	3300	<b>3520</b>	3740	3960	4180	<b>4680</b>	4800	5200	5360	<b>5680</b>	
	kg	1180	1285	1400	1500	<b>1600</b>	1700	1800	1900	<b>2120</b>	2180	2360	2430	<b>2575</b>	
340/80R18	LI					<b>127</b>						<b>136</b>			<b>143</b>
	lbs	2830	3080	3300	3640	<b>3860</b>	4180	4400	4680	<b>4940</b>	5200	5360	5680	<b>6000</b>	
	kg	1285	1400	1500	1650	<b>1750</b>	1900	2000	2120	<b>2240</b>	2360	2430	2575	<b>2725</b>	
500/70R24	LI				<b>146</b>	<b>149</b>						<b>157</b>			<b>164</b>
	lbs	5200	5680	6150	<b>6600</b>	<b>7150</b>	7600	8050	8550	<b>9100</b>	9350	9900	10500	<b>11000</b>	
	kg	2360	2575	2800	<b>3000</b>	<b>3250</b>	3450	3650	3875	<b>4125</b>	4250	4500	4750	<b>5000</b>	

**NOTES:**

1. Boldface denotes maximum load for the service description (Load Index Speed Symbol) in parentheses.
2. The following load limits at various speeds apply with no change in inflation pressure.

MAX. SPEED	% CHANGE IN LOADS	
	REGULAR APPLICATION	CYCLIC* APPLICATION
Stationary	+130%	+130%
2.5 mph (5 km/h)	+45%	+67%
5 mph (10 km/h)	+25%	+50%
10 mph (15 km/h)	+13%	+34%
15 mph (25 km/h)	+9%	-
20 mph (30 km/h)	+4%	-
25 mph (40 km/h)	Same As Table	-
30 mph (50 km/h)	-9%	-

\* Cyclic applications include the normal usages of loaders, log stackers, etc.

- The minimum load must not exceed 60% of the maximum rated tire load.
- Maximum one-way haul distance is 500 feet (150 meters).
- Vehicle is operating over unimproved but generally level terrain.
- Consult the rim/wheel manufacturer for confirmation of the strength of the rim/wheel for the intended service.

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