

# TABLE S1 – SMALLER-SIZE HIGH FLOTATION TIRES FOR AGRICULTURAL AND SKID STEER/MINI-LOADER SERVICE

TIRE TYPE NOMENCLATURE		MAX SPEED
TRA	TIRE TYPE	SPEED INDEX B
HF-1	Shallow Tread	30 mph
HF-2	Regular Lug Tread	30 mph
HF-3	Deep Lug Tread	30 mph

## BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

TIRE SIZE	INFLATION		LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES									
	psi		20	25	30	35	40	45	50	55	60	
	kPa		140	170	210	240	280	310	340	380	410	
27x8.50-15 NHS (215/70D15)	lbs		965	1100	<b>1230 (4)</b>	1320	1430	<b>1570 (6)</b>	1650	1760	<b>1820 (8)</b>	
	kg		437	500	<b>560 (4)</b>	600	650	<b>710 (6)</b>	750	800	<b>825 (8)</b>	
27x9.50-15 NHS	lbs		990	1140	<b>1280 (4)</b>	1390	1480	<b>1610 (6)</b>	1710	1820	<b>1870 (8)</b>	
	kg		450	515	<b>580 (4)</b>	630	670	<b>730 (6)</b>	775	825	<b>850 (8)</b>	
27x10.50-15 NHS (260/65D15)	lbs		1020	1170	1320	1430	1520	<b>1650 (6)</b>	1760	1870	<b>1970 (8)</b>	
	kg		460	530	600	650	690	<b>750 (6)</b>	800	850	<b>895 (8)</b>	
29x12.00-15 NH	lbs		<b>1320 (4)</b>		<b>1710 (6)</b>							
	kg		<b>600 (4)</b>		<b>775 (6)</b>							
31x13.50-15 NHS	lbs		<b>1650 (4)</b>	1870	<b>2090 (6)</b>	2270	2470	<b>2600 (8)</b>	2760	2910	<b>3080 (10)</b>	<b>3520 lbs. @ 75 psi (12)</b>
	kg		<b>750 (4)</b>	850	<b>950 (6)</b>	1030	1120	<b>1180 (8)</b>	1250	1320	<b>1400 (10)</b>	<b>1600 kg @ 520 kPa (12)</b>
31x15.50 NHS (390/60D15)	lbs		<b>1710 (4)</b>	1930	<b>2105 (6)</b>	2340	2540	<b>2760 (8)</b>				
	kg		<b>775 (4)</b>	875	<b>975 (6)</b>	1060	1150	<b>1250 (8)</b>				

### NOTES:

- Figures in parentheses denote ply rating for which boldface loads and inflations are maximum.
- For operations at other speeds, including skid steer/mini-loader service, the loads in the table may be changed as shown below with no change in inflation pressure:

MAX. SPEED	% CHANGE IN LOADS IN ABOVE TABLE
Stationary	+58%
5 mph (10 km/h)	No Change
10 mph (15 km/h)	-21%
12.5 mph (0 km/h)	-24%
30 mph (50 km/h)	-37%

\* Creep speed is a travel speed of not more than 200 feet (61 meters) in a 30-minute period.

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 168-172.

- RADIAL FARM
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