

## TIRES USED IN SKID STEER/MINI-LOADER AERIAL LIFT SERVICE

### BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

#### MAXIMUM SPEED 5 MPH (10 KM/H)

TIRE SIZE	INFLATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES										
		psi	30	35	40	45	50	55	60	65	70	75
	kPa	210	240	280	310	340	380	410	450	480	520	550
10-16.5 NHS (265/70D16.5)	lbs	<b>2760(4)</b>	3020	3260	<b>3500(6)</b>	3720	3930	<b>4140(8)</b>	4340	<b>4710(10)</b>		
	kg	<b>1250(4)</b>	1370	1480	<b>1590(6)</b>	1685	1785	<b>1880(8)</b>	1970	<b>2135(10)</b>		
12-16.5 NHS (305/70D16.5)	lbs	3560	3900	<b>4220(6)</b>	4520	<b>4810(8)</b>	5080	5340	<b>5600(10)</b>			<b>6320(12)</b>
	kg	1615	1770	<b>1915(6)</b>	2050	<b>2180(8)</b>	2305	2420	<b>2540(10)</b>			<b>2865(12)</b>
33x15.5D-16.5 (395/55D16.5)	lbs	<b>4555 (6)</b>	4985	<b>5395(8)</b>	5775	<b>6145(10)</b>	6495	<b>6835(12)</b>				
	kg	<b>2065(6)</b>	2260	<b>2445(8)</b>	2620	<b>2785(10)</b>	2945	<b>3100(12)</b>				
14-17.5 NHS (355/70D17.5)	lbs	<b>4820(6)</b>	5260	<b>5700(8)</b>	6100	6500	<b>6850(10)</b>	7220	<b>7560(12)</b>			<b>8550(14)</b>
	kg	<b>2185(6)</b>	2385	<b>2585(8)</b>	2765	2950	<b>3105(10)</b>	3275	<b>3430(12)</b>			<b>3880(14)</b>
15-19.5 NHS (385/65D19.5)	lbs	<b>6130(6)</b>	6710	<b>7250(8)</b>	7770	8260	8740	<b>9190(12)</b>	9630	<b>10060(14)</b>		<b>10880(16)</b>
	kg	<b>2780(6)</b>	3045	<b>3290(8)</b>	3525	3745	3965	<b>4170(12)</b>	4370	<b>4565(14)</b>		<b>4935(16)</b>

#### NOTES:

- Figures in parentheses denote ply rating for which boldface loads and inflations are maximum.
- Load limits at various speeds with no change in inflation pressures are as follows:

MAX. SPEED	% CHANGE IN LOADS IN TABLE
Stationary	+58%
5 mph (10 km/h)	No Change
10 mph (15 km/h)	-21%
12.5 mph (20 km/h)	-24%
20 mph (30 km/h)	-32%
25 mph (40 km/h)	-34%
30 mph (50 km/h)	-37%

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 174-178.