

TABLE S – 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		LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES									
	Psi	30	35	40	45	50	55	60	65	70	75	80
	kPa	210	240	280	310	340	380	410	450	480	520	550
10-16.5 NHS (265/70D16.5)	lbs	2760 (4)	3020	3260	3500 (6)	3720	3930	4140 (8)	4340	4710 (10)		
	kg	1250 (4)	1370	1480	1590 (6)	1685	1785	1880 (8)	1970	2135 (10)		
12-16.5 NHS (305/70D16.5)	lbs	3560	3900	4220 (6)	4520	4810 (8)	5080	5340	5600 (10)			6320 (12)
	kg	1615	1770	1915 (6)	2050	2180 (8)	2305	2420	2540 (10)			2865 (12)
33x15.50-16.5 (395/55D16.5)	lbs	4555 (6)	4985	5395 (8)	5775	6145 (10)	6495	6835 (12)				
	kg	2065 (6)	2260	2445 (8)	2620	2785 (10)	2945	3100 (12)				
14-17.5 NHS (355/70D17.5)	lbs	4820 (6)	5260	5700 (8)	6100	6500	6850 (10)	7220	7560 (12)			8550 (14)
	kg	2185 (6)	2385	2585 (8)	2765	2950	3105 (10)	3275	3430 (12)			3880 (14)
15-19.5 NHS (385/65D19.5)	lbs	6130 (6)	6710	7250 (8)	7770	8260	8740	9190 (12)	9630	10060(14)		10880(16)
	kg	2780 (6)	3045	3290 (8)	3525	3745	3965	4170 (12)	4370	4565 (14)		4935 (16)

NOTES:

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

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 (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 168-172.