

# TABLE S2 – TIRES USED IN AERIAL LIFT APPLICATIONS

## BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

| TIRE SIZE                        | SPEED            | LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES |       |       |                   |       |       |                   |
|----------------------------------|------------------|-------------------------------------------------|-------|-------|-------------------|-------|-------|-------------------|
|                                  |                  | 70                                              | 75    | 80    | 85                | 90    | 95    | 100               |
| 355/70D17.5 NHS<br>(14-17.5 NHS) | Static           | <b>9900 (10)</b>                                | 10200 | 10700 | <b>11000 (12)</b> | 11700 | 12000 | <b>12300 (14)</b> |
|                                  | 5 mph (10 km/h)  | <b>6950 (10)</b>                                | 7400  | 7600  | <b>7850 (12)</b>  | 8250  | 8550  | <b>8800 (14)</b>  |
|                                  | 10 mph (15 km/h) | <b>6000 (10)</b>                                | 6400  | 6600  | <b>6800 (12)</b>  | 7150  | 7400  | <b>7600 (14)</b>  |
|                                  | 20 mph (30 km/h) | <b>5680 (10)</b>                                | 5840  | 6150  | <b>6400 (12)</b>  | 6600  | 6950  | <b>7150 (14)</b>  |
|                                  | 25 mph (40 km/h) | <b>5360 (10)</b>                                | 5680  | 6000  | <b>6150 (12)</b>  | 6400  | 6600  | <b>6800 (14)</b>  |
|                                  | 30 mph (50 km/h) | <b>5200 (10)</b>                                | 5520  | 5680  | <b>6000 (12)</b>  | 6150  | 6400  | <b>6600 (14)</b>  |
| 385/65D19.5 NHS<br>(15-19.5 NHS) | Static           | <b>11400 (12)</b>                               | 12000 | 12800 | <b>13200 (14)</b> | 13600 | 14300 | <b>14800 (16)</b> |
|                                  | 5 mph (10 km/h)  | <b>8800 (12)</b>                                | 9350  | 9650  | <b>10200 (14)</b> | 10500 | 11000 | <b>11400 (16)</b> |
|                                  | 10 mph (15 km/h) | <b>7600 (12)</b>                                | 8050  | 8250  | <b>8800 (14)</b>  | 9100  | 9350  | <b>9650 (16)</b>  |
|                                  | 20 mph (30 km/h) | <b>7150 (12)</b>                                | 7600  | 7850  | <b>8250 (14)</b>  | 8550  | 8800  | <b>9100 (16)</b>  |
|                                  | 25 mph (40 km/h) | <b>6950 (12)</b>                                | 7150  | 7600  | <b>7850 (14)</b>  | 8250  | 8550  | <b>8800 (16)</b>  |
|                                  | 30 mph (50 km/h) | <b>6800 (12)</b>                                | 6950  | 7400  | <b>7600 (14)</b>  | 8050  | 8250  | <b>8550 (16)</b>  |
| 385/65D22.5 NHS<br>(15-22.5 NHS) | Static           | <b>12800 (12)</b>                               | 13200 | 13900 | <b>14300 (14)</b> | 14800 | 15700 | <b>16100 (16)</b> |
|                                  | 5 mph (10 km/h)  | <b>9650 (12)</b>                                | 10200 | 10700 | <b>11000 (14)</b> | 11400 | 12000 | <b>12300 (16)</b> |
|                                  | 10 mph (15 km/h) | <b>8550 (12)</b>                                | 8800  | 9100  | <b>9650 (14)</b>  | 9900  | 10200 | <b>10700 (16)</b> |
|                                  | 20 mph (30 km/h) | <b>7850 (12)</b>                                | 8250  | 8550  | <b>9100 (14)</b>  | 9350  | 9650  | <b>9900 (16)</b>  |
|                                  | 25 mph (40 km/h) | <b>7600 (12)</b>                                | 7850  | 8250  | <b>8550 (14)</b>  | 9100  | 9350  | <b>9650 (16)</b>  |
|                                  | 30 mph (50 km/h) | <b>7400 (12)</b>                                | 7600  | 8050  | <b>8250 (14)</b>  | 8800  | 9100  | <b>9350 (16)</b>  |
| 445/65D19.5 NHS<br>(18-19.5 NHS) | Static           | 15200                                           | 15700 | 16500 | <b>17100 (16)</b> | 17600 | 18700 | <b>19300 (18)</b> |
|                                  | 5 mph (10 km/h)  | 11400                                           | 12000 | 12800 | <b>13200 (16)</b> | 13600 | 14300 | <b>14800 (18)</b> |
|                                  | 10 mph (15 km/h) | 9900                                            | 10500 | 11000 | <b>11400 (16)</b> | 11700 | 12300 | <b>12800 (18)</b> |
|                                  | 20 mph (30 km/h) | 9350                                            | 9650  | 10200 | <b>10500 (16)</b> | 11000 | 11400 | <b>11700 (18)</b> |
|                                  | 25 mph (40 km/h) | 8800                                            | 9350  | 9900  | <b>10200 (16)</b> | 10500 | 11000 | <b>11400 (18)</b> |
|                                  | 30 mph (50 km/h) | 8250                                            | 8550  | 9100  | <b>9650 (16)</b>  | 9900  | 10200 | <b>10700 (18)</b> |
| 445/65D22.5 NHS<br>(18-22.5 NHS) | Static           | 16500                                           | 17100 | 17600 | <b>18700 (16)</b> | 19300 | 19800 | <b>20900 (18)</b> |
|                                  | 5 mph (10 km/h)  | 12800                                           | 13200 | 13600 | <b>14300 (16)</b> | 14800 | 15200 | <b>16100 (18)</b> |
|                                  | 10 mph (15 km/h) | 10700                                           | 11400 | 11700 | <b>12300 (16)</b> | 12800 | 13200 | <b>13600 (18)</b> |
|                                  | 20 mph (30 km/h) | 10200                                           | 10700 | 11000 | <b>11400 (16)</b> | 12000 | 12300 | <b>12800 (18)</b> |
|                                  | 25 mph (40 km/h) | 9650                                            | 10200 | 10700 | <b>11000 (16)</b> | 11400 | 12000 | <b>12300 (18)</b> |
|                                  | 30 mph (50 km/h) | 9350                                            | 9900  | 10500 | <b>10700 (16)</b> | 11400 | 11700 | <b>12000 (18)</b> |

### NOTES:

1. For 265/70D16.5 NHS (10-16.5 NHS) and 305/70D16.5 NHS (12-16.5 NHS) sizes used in aerial lift applications, see Table S Skid-Steer/Mini-Loader on page 217 for loads and inflation pressures.
2. Figures in parentheses denote ply rating for which boldface loads and inflations are maximum.
3. Tires for aerial lift applications feature a stronger bead construction for the higher inflation pressure required.
4. For 14-17.5 NHS and 15-19.5 NHS Super Traction Duplex tires used in aerial lift applications, see Table S Skid-Steer/Mini-Loader on page 158 for loads and inflation pressures.

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

RADIAL FARM

BIAS FARM

FRONTS & IMPLEMENTS

FORESTRY & FLOTATION

DISCONTINUED

LOAD & INFLATION TABLES

GENERAL TIRE INFORMATION

WARRANTY