

# 20.5R25 186A2 NOKIAN TYRES GROUND KING LOADER L-3 SB TL

Loader tire with excellent soft soil grip and road handling

|                          |                        |
|--------------------------|------------------------|
| PRODUCT CODE             | T445796                |
| TIRE CLASSIFICATION CODE | L-3                    |
| APPLICATION              | Wheel loader           |
| LI / SPEED SYMBOL        | 186A2                  |
| PLY RATING               | ★                      |
| RIM RECOMMENDED          | 17.00/2.0              |
| RIM PERMITTED            | 17.00/2.0IF, 17.00/1.7 |



## LOAD CAPACITY FOR WHEEL LOADER, LB

| Pressure (psi) | Speed (mph) |       |       |       |       |       |       |       |       |       |       |
|----------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 0           | creep | 2.5   | 5     | 10    | 12    | 15    | 17.5  | 22.5  | 25    | 30    |
| 29             | 18245       | 14815 | 12995 | 11400 | 9920  | 9580  | 9115  | 8775  | 8435  | 7980  | 7185  |
| 33             | 19930       | 16195 | 14200 | 12455 | 10835 | 10460 | 9965  | 9590  | 9215  | 8720  | 7850  |
| 36             | 21560       | 17515 | 15365 | 13480 | 11730 | 11320 | 10780 | 10375 | 9975  | 9435  | 8490  |
| 40             | 23160       | 18815 | 16500 | 14475 | 12600 | 12160 | 11585 | 11145 | 10715 | 10130 | 9115  |
| 44             | 24725       | 20085 | 17615 | 15455 | 13450 | 12985 | 12355 | 11895 | 11430 | 10815 | 9735  |
| 47             | 26255       | 21330 | 18705 | 16415 | 14275 | 13780 | 13130 | 12630 | 12145 | 11485 | 10340 |
| 51             | 27755       | 22555 | 19775 | 17350 | 15090 | 14575 | 13880 | 13360 | 12830 | 12145 | 10925 |
| 54             | 29220       | 23745 | 20825 | 18265 | 15895 | 15345 | 14615 | 14065 | 13515 | 12785 | 11510 |
| 58             | 30675       | 24925 | 21860 | 19170 | 16680 | 16105 | 15335 | 14760 | 14185 | 13425 | 12080 |
| 62             | 32100       | 26080 | 22875 | 20060 | 17460 | 16855 | 16050 | 15455 | 14850 | 14045 | 12645 |
| 65             | 33510       | 27225 | 23875 | 20945 | 18220 | 17595 | 16755 | 16125 | 15500 | 14660 | 13195 |

**TIRE DIMENSIONS**

|                          | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER         | 58.6 in  | 61.5 in         |
| TIRE WIDTH               | 20.3 in  | 22.7 in         |
| PATTERN DEPTH            | 60/32 in |                 |
| PATTERN DEPTH ON TIE BAR |          |                 |
| MAX. INFLATION PRESSURE  | 65 psi   |                 |

|                               |  |
|-------------------------------|--|
| STATIC LOADED RADIUS          | 25.4 in @ 20900 lb / 65 psi  |
| DYNAMIC ROLLING CIRCUMFERENCE | 177.4 in @ 20900 lb / 65 psi   |
| DYNAMIC ROLLING RADIUS        | 28.2 in @ 20900 lb / 65 psi  |
| TUBELESS VALVE                | TR650  |
| BELT MATERIAL                 | Steel  |
| STUDDABLE                     | Yes<br>Marked stud positions on tread<br>Number of studs 192 pcs<br>Recommended stud 16-19 |
| VOLUME                        | 126 gallons 100%<br>95 gallons 75%   |

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 75%, -30°C) Always use a tube when filled with water/salt.

| Tire volume 100% |         | Water filling 75% |         | Water/salt filling (75% / -30°C) |         |      |     | Total weight increase |     |
|------------------|---------|-------------------|---------|----------------------------------|---------|------|-----|-----------------------|-----|
|                  |         |                   |         | Water                            |         | Salt |     |                       |     |
| Litres           | Gallons | Litres            | Gallons | Litres                           | Gallons | kg   | lbs | kg                    | lbs |
| 476              | 126     | 358               | 94      | 293                              | 78      | 150  | 330 | 443                   | 977 |

NOKIAN TYRES PLC is a full member of ETRTO and affiliated member of TRA. In design and production, we certify that products made in Nokian factory (YL) are according the ETRTO and TRA standards.

The tire has been manufactured and tested in accordance with the requirements of ISO 9001 and ISO 14001. Nokian Tyres Plc has the following certificates:

- Quality Management System Standard, ISO 9001, Certificate No: 76363-2010-AQ-FIN-FINAS
- Environmental Management System Standard, ISO 14001, Certificate No: 76361-2010-AE-FIN-FINAS

More information: [www.nokiantyres.com/heavy/technical-tire-manual/](http://www.nokiantyres.com/heavy/technical-tire-manual/)