

20.5R25 186A2/168B NOKIAN TYRES LOADER GRIP L-3 SB TL

Sturdy grip for wheel loaders and machines

| | |
|--------------------------|--------------------------------------|
| PRODUCT CODE | T445171 |
| TIRE CLASSIFICATION CODE | L-3 |
| APPLICATION | Wheel loader / Transport application |
| LI / SPEED SYMBOL | 186A2 (168B) |
| 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 |

LOAD CAPACITY FOR TRANSPORT APPLICATION, LB

| Pressure (psi) | Speed (mph) | | | | | | | |
|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|
| | 10 | 12 | 15 | 17.5 | 22.5 | 25 | 27.5 | 30 |
| 29 | 9085 | 8930 | 8765 | 8600 | 8445 | 8355 | 8280 | 8115 |
| 33 | 9930 | 9745 | 9570 | 9390 | 9215 | 9125 | 9040 | 8865 |
| 36 | 10750 | 10550 | 10360 | 10165 | 9975 | 9875 | 9790 | 9590 |
| 40 | 11540 | 11330 | 11120 | 10925 | 10715 | 10615 | 10505 | 10305 |
| 44 | 12315 | 12090 | 11885 | 11660 | 11440 | 11330 | 11220 | 11000 |
| 47 | 13085 | 12840 | 12610 | 12380 | 12145 | 12025 | 11915 | 11675 |
| 51 | 13825 | 13580 | 13340 | 13085 | 12840 | 12720 | 12590 | 12345 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER | 58.8 in | 61.5 in |
| TIRE WIDTH | 20.9 in | 22.7 in |
| PATTERN DEPTH | 39/32 in | |
| PATTERN DEPTH ON TIE BAR | | |
| MAX. INFLATION PRESSURE | 65 psi | |

STATIC LOADED RADIUS 25.5 in @ 20900 lb / 65 psi

DYNAMIC ROLLING CIRCUMFERENCE 177.2 in @ 20900 lb / 65 psi

DYNAMIC ROLLING RADIUS 28.2 in @ 20900 lb / 65 psi

TUBELESS VALVE TR650

BELT MATERIAL Steel

MARKINGS M+S

STUDDABLE Yes
Number of studs 180 pcs
Recommended stud 16-19

VOLUME 131 gallons 100%
98 gallons 75%

WATER AND SALT BALLASTING

(CaCl₂, 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 |
| 495 | 131 | 371 | 98 | 305 | 80 | 155 | 342 | 460 | 1014 |

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/