

## 23.5R25 195A2/176B NOKIAN TYRES LOADER GRIP L-3 SB TL

Sturdy grip for wheel loaders and machines

PRODUCT CODE T445223

TIRE CLASSIFICATION CODE L-3

APPLICATION Wheel loader / Transport application

LI / SPEED SYMBOL 195A2 (176B)

PLY RATING ★

RIM RECOMMENDED 19.50/2.5

RIM PERMITTED 19.50/2.5IF



### LOAD CAPACITY FOR WHEEL LOADER, KG

| Pressure (kPa) | Speed (km/h) |       |       |       |       |       |      |      |      |      |      |
|----------------|--------------|-------|-------|-------|-------|-------|------|------|------|------|------|
|                | 0            | 1     | 5     | 10    | 15    | 20    | 25   | 30   | 35   | 40   | 50   |
| 200            | 10580        | 8600  | 7540  | 6615  | 5755  | 5555  | 5290 | 5090 | 4895 | 4630 | 4165 |
| 225            | 11560        | 9390  | 8235  | 7225  | 6285  | 6070  | 5780 | 5565 | 5345 | 5055 | 4550 |
| 250            | 12510        | 10165 | 8915  | 7820  | 6800  | 6570  | 6255 | 6020 | 5785 | 5475 | 4925 |
| 275            | 13435        | 10915 | 9575  | 8400  | 7305  | 7055  | 6720 | 6465 | 6215 | 5880 | 5290 |
| 300            | 14345        | 11655 | 10220 | 8965  | 7800  | 7530  | 7170 | 6900 | 6635 | 6275 | 5645 |
| 325            | 15230        | 12375 | 10850 | 9520  | 8280  | 7995  | 7615 | 7330 | 7045 | 6665 | 5995 |
| 350            | 16100        | 13080 | 11470 | 10065 | 8755  | 8455  | 8050 | 7750 | 7445 | 7045 | 6340 |
| 375            | 16955        | 13775 | 12080 | 10595 | 9220  | 8900  | 8480 | 8160 | 7840 | 7420 | 6675 |
| 400            | 17795        | 14460 | 12680 | 11125 | 9675  | 9345  | 8900 | 8565 | 8230 | 7785 | 7005 |
| 425            | 18625        | 15130 | 13270 | 11640 | 10125 | 9780  | 9310 | 8965 | 8615 | 8150 | 7335 |
| 450            | 19440        | 15795 | 13850 | 12150 | 10570 | 10205 | 9720 | 9355 | 8990 | 8505 | 7655 |

### LOAD CAPACITY FOR TRANSPORT APPLICATION, KG

| Pressure<br>(kPa) | Speed (km/h) |      |      |      |      |      |      |      |
|-------------------|--------------|------|------|------|------|------|------|------|
|                   | 15           | 20   | 25   | 30   | 35   | 40   | 45   | 50   |
| 200               | 5225         | 5135 | 5040 | 4945 | 4855 | 4805 | 4760 | 4665 |
| 225               | 5710         | 5605 | 5505 | 5405 | 5300 | 5250 | 5200 | 5095 |
| 250               | 6180         | 6070 | 5960 | 5845 | 5735 | 5680 | 5625 | 5515 |
| 275               | 6635         | 6520 | 6400 | 6280 | 6160 | 6105 | 6045 | 5925 |
| 300               | 7085         | 6955 | 6830 | 6705 | 6580 | 6515 | 6450 | 6325 |
| 325               | 7520         | 7390 | 7255 | 7120 | 6985 | 6920 | 6850 | 6715 |
| 350               | 7950         | 7810 | 7670 | 7525 | 7385 | 7315 | 7240 | 7100 |

## TIRE DIMENSIONS

|                          | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER         | 1607 mm  | 1696 mm         |
| TIRE WIDTH               | 630 mm   | 663 mm          |
| PATTERN DEPTH            | 34 mm    |                 |
| PATTERN DEPTH ON TIE BAR |          |                 |
| MAX. INFLATION PRESSURE  | 450 kPa  |                 |

STATIC LOADED RADIUS 700 mm @ 12150 kg / 450 kPa

DYNAMIC ROLLING CIRCUMFERENCE 4880 mm @ 12150 kg / 450 kPa

DYNAMIC ROLLING RADIUS 777 mm @ 12150 kg / 450 kPa

TUBELESS VALVE TR650

BELT MATERIAL Steel

MARKINGS M+S

STUDDABLE Yes  
Number of studs 172 pcs  
Recommended stud 16-19

VOLUME 700 l 100%  
525 l 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  |
| 700              | 185     | 525               | 139     | 431                              | 114     | 220  | 484 | 651                   | 1435 |

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/)