

20.5R25 186A2/168B NOKIAN TYRES HAKKAPELIITTA LOADER L-2 SB TL

Winter tire for wheel loaders

| | |
|--------------------------|--------------------------------------|
| PRODUCT CODE | T445591 |
| TIRE CLASSIFICATION CODE | L-2 |
| 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, KG

| Pressure (kPa) | Speed (km/h) | | | | | | | | | | |
|----------------|--------------|-------|-------|------|------|------|------|------|------|------|------|
| | 0 | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 |
| 300 | 11215 | 9110 | 7990 | 7010 | 6100 | 5890 | 5605 | 5395 | 5185 | 4905 | 4415 |
| 325 | 11910 | 9675 | 8485 | 7445 | 6475 | 6250 | 5955 | 5730 | 5510 | 5210 | 4690 |
| 350 | 12590 | 10230 | 8970 | 7870 | 6845 | 6610 | 6295 | 6060 | 5820 | 5510 | 4955 |
| 375 | 13255 | 10770 | 9445 | 8285 | 7210 | 6960 | 6630 | 6380 | 6130 | 5800 | 5220 |
| 400 | 13915 | 11305 | 9915 | 8695 | 7565 | 7305 | 6955 | 6695 | 6435 | 6090 | 5480 |
| 425 | 14560 | 11830 | 10375 | 9100 | 7920 | 7645 | 7280 | 7010 | 6735 | 6370 | 5735 |
| 450 | 15200 | 12350 | 10830 | 9500 | 8265 | 7980 | 7600 | 7315 | 7030 | 6650 | 5985 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER | 1487 mm | 1561 mm |
| TIRE WIDTH | 538 mm | 577 mm |
| PATTERN DEPTH | 32 mm | |
| PATTERN DEPTH ON TIE BAR | | |
| MAX. INFLATION PRESSURE | 450 kPa | |

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|-------------------------------|--|
| STATIC LOADED RADIUS | 650 mm @ 9500 kg / 450 kPa |
| DYNAMIC ROLLING CIRCUMFERENCE | 4509 mm @ 9500 kg / 450 kPa |
| DYNAMIC ROLLING RADIUS | 718 mm @ 9500 kg / 450 kPa |
| TUBELESS VALVE | TR650 |
| BELT MATERIAL | Steel |
| MARKINGS | M+S |
| STUDDABLE | Yes Marked stud positions on tread Number of studs 168 pcs Recommended stud 16-19 |
| VOLUME | 504 l 100% 378 l 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 |
| 504 | 133 | 378 | 100 | 310 | 82 | 158 | 349 | 468 | 1032 |

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/