

# 17.5R25 176A2/153A8 NOKIAN TYRES HAKKAPELIITTA LOADER L-2 TL

Winter tire for wheel loaders

|                          |                            |
|--------------------------|----------------------------|
| PRODUCT CODE             | T445590                    |
| TIRE CLASSIFICATION CODE | L-2                        |
| APPLICATION              | Wheel loader / Road grader |
| LI / SPEED SYMBOL        | 176A2 (153A8)              |
| PLY RATING               | ★                          |
| RIM RECOMMENDED          | 14.00/1.5                  |
| RIM PERMITTED            | 14.00/1.3 DC, 13.00/1.4 DC |



## LOAD CAPACITY FOR WHEEL LOADER, LB

| Pressure (psi) | Speed (mph) |       |       |       |       |       |       |       |       |       |      |
|----------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|                | 0           | creep | 2.5   | 5     | 10    | 12    | 15    | 17.5  | 22.5  | 25    | 30   |
| 44             | 18475       | 15015 | 13160 | 11550 | 10040 | 9700  | 9235  | 8895  | 8545  | 8080  | 7275 |
| 47             | 19620       | 15940 | 13975 | 12260 | 10670 | 10295 | 9810  | 9445  | 9070  | 8585  | 7725 |
| 51             | 20745       | 16855 | 14780 | 12965 | 11275 | 10890 | 10375 | 9985  | 9590  | 9070  | 8170 |
| 54             | 21850       | 17745 | 15565 | 13660 | 11885 | 11465 | 10925 | 10515 | 10110 | 9555  | 8600 |
| 58             | 22930       | 18630 | 16335 | 14330 | 12465 | 12035 | 11465 | 11035 | 10605 | 10030 | 9030 |
| 62             | 23995       | 19500 | 17095 | 14990 | 13050 | 12600 | 11995 | 11550 | 11100 | 10495 | 9445 |
| 65             | 25045       | 20350 | 17845 | 15655 | 13615 | 13150 | 12520 | 12050 | 11585 | 10955 | 9865 |

## LOAD CAPACITY FOR ROAD GRADER, LB

| Pressure (psi) | Speed (mph) |      |      |      |      |
|----------------|-------------|------|------|------|------|
|                | 0           | 5    | 12   | 17.5 | 25   |
| 29             | 5940        | 5940 | 5940 | 5940 | 5940 |
| 33             | 6480        | 6480 | 6480 | 6480 | 6480 |
| 36             | 7020        | 7020 | 7020 | 7020 | 7020 |
| 40             | 7540        | 7540 | 7540 | 7540 | 7540 |
| 44             | 8045        | 8045 | 8045 | 8045 | 8045 |

**TIRE DIMENSIONS**

|                         | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER        | 52.9 in  | 55.3 in         |
| TIRE WIDTH              | 17.3 in  | 19.4 in         |
| PATTERN DEPTH           | 35/32 in |                 |
| MAX. INFLATION PRESSURE | 65 psi   |                 |

|                               |  |
|-------------------------------|--|
| STATIC LOADED RADIUS          | 23.3 in @ 15700 lb / 65 psi  |
| DYNAMIC ROLLING CIRCUMFERENCE | 160.6 in @ 15700 lb / 65 psi   |
| DYNAMIC ROLLING RADIUS        | 25.6 in @ 15700 lb / 65 psi  |
| TUBE PRODUCT CODE             | T55867   |
| FLAP PRODUCT CODE             | T299551  |
| TUBE VALVE                    | TRJ1175  |
| TUBELESS VALVE                | TR650  |
| BELT MATERIAL                 | Steel  |
| MARKINGS                      | M+S  |
| STUDDABLE                     | Yes<br>Marked stud positions on tread<br>Number of studs 168 pcs<br>Recommended stud 16-19 |
| VOLUME                        | 84 gallons 100%<br>63 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 |
| 318              | 84      | 239               | 63      | 196                              | 52      | 100  | 220 | 296                   | 653 |

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.

Tyre have 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/)