

# 480/65R24 151A8/146D NOKIAN TYRES TRI STEEL TL

## Puncture protection for special applications

|                          |                                |
|--------------------------|--------------------------------|
| PRODUCT CODE             | T445222                        |
| TIRE CLASSIFICATION CODE | R-4                            |
| APPLICATION              | Tractor / Wheel loader         |
| LI / SPEED SYMBOL        | 151A8 (146D)                   |
| RIM RECOMMENDED          | DW14L                          |
| RIM PERMITTED            | W14L, W15L, DW15L, W16L, DW16L |
| TYPE APPROVAL            | E8 106R-001651                 |



## LOAD CAPACITY FOR TRACTOR, KG

### Constant load

| Pressure (kPa) | Speed (km/h) |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 0            | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   |
| 80             | 3590         | 2270 | 1960 | 1770 | 1715 | 1660 | 1630 | 1605 | 1565 | 1525 | 1470 | 1430 | 1400 | 1360 |
| 120            | 4620         | 2925 | 2520 | 2275 | 2205 | 2135 | 2100 | 2065 | 2015 | 1960 | 1890 | 1840 | 1805 | 1750 |
| 160            | 5440         | 3440 | 2965 | 2680 | 2595 | 2515 | 2470 | 2430 | 2370 | 2305 | 2225 | 2165 | 2120 | 2060 |
| 200            | 6070         | 3840 | 3310 | 2990 | 2900 | 2805 | 2760 | 2715 | 2645 | 2575 | 2485 | 2415 | 2370 | 2300 |
| 240            | 6600         | 4175 | 3600 | 3250 | 3150 | 3050 | 3000 | 2950 | 2875 | 2800 | 2700 | 2625 | 2575 | 2500 |
| 280            | 7195         | 4550 | 3925 | 3545 | 3435 | 3325 | 3270 | 3215 | 3135 | 3050 | 2945 | 2860 | 2805 | 2725 |
| 320            | 7920         | 5010 | 4320 | 3900 | 3780 | 3660 | 3600 | 3540 | 3450 | 3360 | 3240 | 3150 | 3090 | 3000 |

### Cyclic load

| Pressure (kPa) | Speed (km/h) |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 0            | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   |
| 80             | 3590         | 2610 | 2355 | 2095 | 1930 | 1740 | 1675 | 1620 | 1565 | 1525 | 1470 | 1430 | 1400 | 1360 |
| 120            | 4620         | 3360 | 3030 | 2695 | 2485 | 2240 | 2155 | 2085 | 2015 | 1960 | 1890 | 1840 | 1805 | 1750 |
| 160            | 5440         | 3955 | 3565 | 3170 | 2925 | 2635 | 2535 | 2450 | 2370 | 2305 | 2225 | 2165 | 2120 | 2060 |
| 200            | 6070         | 4415 | 3980 | 3540 | 3265 | 2945 | 2830 | 2735 | 2645 | 2575 | 2485 | 2415 | 2370 | 2300 |
| 240            | 6600         | 4800 | 4325 | 3850 | 3550 | 3200 | 3075 | 2975 | 2875 | 2800 | 2700 | 2625 | 2575 | 2500 |
| 280            | 7195         | 5230 | 4715 | 4195 | 3870 | 3490 | 3350 | 3245 | 3135 | 3050 | 2945 | 2860 | 2805 | 2725 |
| 320            | 7920         | 5760 | 5190 | 4620 | 4260 | 3840 | 3690 | 3570 | 3450 | 3360 | 3240 | 3150 | 3090 | 3000 |

**TIRE DIMENSIONS**

|                         | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER        | 1234 mm  | 1258 mm         |
| TIRE WIDTH              | 488 mm   | 503 mm          |
| PATTERN DEPTH           | 28 mm    |                 |
| MAX. INFLATION PRESSURE | 320 kPa  |                 |

|                               |                             |
|-------------------------------|-----------------------------|
| STATIC LOADED RADIUS          | 565 mm @ 3450 kg / 320 kPa  |
| DYNAMIC ROLLING CIRCUMFERENCE | 3740 mm @ 3450 kg / 320 kPa |
| DYNAMIC ROLLING RADIUS        | 595 mm @ 3450 kg / 320 kPa  |
| SPEED RADIUS INDEX            | 600                         |
| TUBE PRODUCT CODE             | T55111                      |
| TUBE VALVE                    | TR218A                      |
| TUBELESS VALVE                | TR618A                      |
| BELT MATERIAL                 | Steel                       |
| VOLUME                        | 335 l 100%<br>251 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 |
| 335              | 88      | 251               | 66      | 206                              | 54      | 105  | 232 | 311                   | 686 |

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/)