

## 250/80R16 119G NOKIAN TYRES HAKKAPELIITTA TRI TL

Precise control and great efficiency

|                          |                              |
|--------------------------|------------------------------|
| PRODUCT CODE             | T845541                      |
| EQUIVALENT SIZE          | 7.5R16                       |
| TIRE CLASSIFICATION CODE | R-4                          |
| APPLICATION              | Tractor / Wheel loader       |
| LI / SPEED SYMBOL        | 119G                         |
| RIM RECOMMENDED          | 8                            |
| RIM PERMITTED            | W7, 7, 7J, W8, 8J, W9, 9, 9J |
| TYPE APPROVAL            | E4 54R-0048678               |



### LOAD CAPACITY FOR TRACTOR, KG

#### Constant load

| Pressure (kPa) | Speed (km/h) |      |       |      |      |      |          |      |      |      |      |      |      |      |
|----------------|--------------|------|-------|------|------|------|----------|------|------|------|------|------|------|------|
|                | 0            | 5    | 10 LT | 15   | 20   | 25   | 30 10 HT | 35   | 40   | 45   | 50   | 55   | 60   | 65   |
| 80             | 1360         | 860  | 740   | 670  | 650  | 630  | 620      | 610  | 590  | 575  | 555  | 540  | 530  | 515  |
| 120            | 1715         | 1085 | 935   | 845  | 820  | 795  | 780      | 765  | 750  | 730  | 700  | 685  | 670  | 650  |
| 160            | 2110         | 1335 | 1150  | 1040 | 1010 | 975  | 960      | 945  | 920  | 895  | 865  | 840  | 825  | 800  |
| 200            | 2310         | 1460 | 1260  | 1140 | 1105 | 1070 | 1050     | 1035 | 1005 | 980  | 945  | 920  | 900  | 875  |
| 240            | 2510         | 1585 | 1370  | 1235 | 1195 | 1160 | 1140     | 1120 | 1095 | 1065 | 1025 | 1000 | 980  | 950  |
| 280            | 2720         | 1720 | 1485  | 1340 | 1300 | 1255 | 1235     | 1215 | 1185 | 1155 | 1110 | 1080 | 1060 | 1030 |
| 320            | 3035         | 1920 | 1655  | 1495 | 1450 | 1405 | 1380     | 1355 | 1325 | 1290 | 1240 | 1210 | 1185 | 1150 |
| 360            | 3300         | 2090 | 1800  | 1625 | 1575 | 1525 | 1500     | 1475 | 1440 | 1400 | 1350 | 1315 | 1290 | 1250 |
| 400            | 3695         | 2340 | 2015  | 1820 | 1765 | 1710 | 1680     | 1650 | 1610 | 1570 | 1510 | 1470 | 1440 | 1400 |
| 450            | 4090         | 2590 | 2230  | 2015 | 1955 | 1890 | 1860     | 1830 | 1785 | 1735 | 1675 | 1630 | 1595 | 1550 |

**Cyclic load**

| Pressure (kPa) | Speed (km/h) |      |       |      |      |      |          |      |      |      |      |      |      |      |
|----------------|--------------|------|-------|------|------|------|----------|------|------|------|------|------|------|------|
|                | 0            | 5    | 10 LT | 15   | 20   | 25   | 30 10 HT | 35   | 40   | 45   | 50   | 55   | 60   | 65   |
| 80             | 1360         | 990  | 890   | 795  | 730  | 660  | 635      | 615  | 590  | 575  | 555  | 540  | 530  | 515  |
| 120            | 1715         | 1250 | 1125  | 1000 | 925  | 830  | 800      | 775  | 750  | 730  | 700  | 685  | 670  | 650  |
| 160            | 2110         | 1535 | 1385  | 1230 | 1135 | 1025 | 985      | 950  | 920  | 895  | 865  | 840  | 825  | 800  |
| 200            | 2310         | 1680 | 1515  | 1350 | 1245 | 1120 | 1075     | 1040 | 1005 | 980  | 945  | 920  | 900  | 875  |
| 240            | 2510         | 1825 | 1645  | 1465 | 1350 | 1215 | 1170     | 1130 | 1095 | 1065 | 1025 | 1000 | 980  | 950  |
| 280            | 2720         | 1980 | 1780  | 1585 | 1465 | 1320 | 1265     | 1225 | 1185 | 1155 | 1110 | 1080 | 1060 | 1030 |
| 320            | 3035         | 2210 | 1990  | 1770 | 1635 | 1470 | 1415     | 1370 | 1325 | 1290 | 1240 | 1210 | 1185 | 1150 |
| 360            | 3300         | 2400 | 2165  | 1925 | 1775 | 1600 | 1540     | 1490 | 1440 | 1400 | 1350 | 1315 | 1290 | 1250 |
| 400            | 3695         | 2690 | 2420  | 2155 | 1990 | 1790 | 1720     | 1665 | 1610 | 1570 | 1510 | 1470 | 1440 | 1400 |
| 450            | 4090         | 2975 | 2680  | 2385 | 2200 | 1985 | 1905     | 1845 | 1785 | 1735 | 1675 | 1630 | 1595 | 1550 |

**TIRE DIMENSIONS**

|                                 | New tire | Max. in service |
|---------------------------------|----------|-----------------|
| <b>OVERALL DIAMETER</b>         | 818 mm   | 822 mm          |
| <b>TIRE WIDTH</b>               | 275 mm   | 276 mm          |
| <b>PATTERN DEPTH</b>            | 17 mm    |                 |
| <b>PATTERN DEPTH ON TIE BAR</b> | 17 mm    |                 |
| <b>MAX. INFLATION PRESSURE</b>  | 450 kPa  |                 |

**STATIC LOADED RADIUS** 377 mm @ 1360 kg / 450 kPa

**DYNAMIC ROLLING CIRCUMFERENCE** 2494 mm @ 1360 kg / 450 kPa

**DYNAMIC ROLLING RADIUS** 397 mm @ 1360 kg / 450 kPa

**SPEED RADIUS INDEX** 390

**TUBELESS VALVE** TR413

**BELT MATERIAL** Steel

**MARKINGS** M+S, POR

**STUDDABLE** Yes  
Marked stud positions on tread  
Recommended stud 8-10 , 8-11 , 8-12 , 8-13

**VOLUME** 74 l 100%  
56 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 |
| 74               | 20      | 56                | 15      | 46                               | 12      | 23   | 51  | 69                    | 152 |

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/)