

# 250/75R16 120G NOKIAN TYRES HAKKAPELIITTA TRI TL

Precise control and great efficiency

|                          |                              |
|--------------------------|------------------------------|
| PRODUCT CODE             | T845540                      |
| TIRE CLASSIFICATION CODE | R-4                          |
| APPLICATION              | Tractor / Wheel loader       |
| LI / SPEED SYMBOL        | 120G                         |
| RIM RECOMMENDED          | 8                            |
| RIM PERMITTED            | W7, 7, 7J, W8, 8J, W9, 9, 9J |
| TYPE APPROVAL            | E4 54R-00239485              |



## 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             | 1285         | 815  | 700   | 635  | 615  | 595  | 585      | 575  | 560  | 545  | 525  | 510  | 500  | 485  |
| 120            | 1625         | 1025 | 885   | 800  | 775  | 750  | 740      | 725  | 705  | 690  | 665  | 645  | 635  | 615  |
| 160            | 1980         | 1255 | 1080  | 975  | 945  | 915  | 900      | 885  | 865  | 840  | 810  | 790  | 775  | 750  |
| 200            | 2180         | 1380 | 1190  | 1075 | 1040 | 1005 | 990      | 975  | 950  | 925  | 890  | 865  | 850  | 825  |
| 240            | 2310         | 1460 | 1260  | 1140 | 1105 | 1070 | 1050     | 1035 | 1005 | 980  | 945  | 920  | 900  | 875  |
| 280            | 2575         | 1630 | 1405  | 1270 | 1230 | 1190 | 1170     | 1150 | 1120 | 1090 | 1055 | 1025 | 1005 | 975  |
| 320            | 2880         | 1820 | 1570  | 1415 | 1375 | 1330 | 1310     | 1285 | 1255 | 1220 | 1175 | 1145 | 1125 | 1090 |
| 360            | 3115         | 1970 | 1700  | 1535 | 1485 | 1440 | 1415     | 1390 | 1355 | 1320 | 1275 | 1240 | 1215 | 1180 |
| 400            | 3485         | 2205 | 1900  | 1715 | 1665 | 1610 | 1585     | 1560 | 1520 | 1480 | 1425 | 1385 | 1360 | 1320 |
| 450            | 3830         | 2420 | 2090  | 1885 | 1825 | 1770 | 1740     | 1710 | 1670 | 1625 | 1565 | 1525 | 1495 | 1450 |

**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             | 1285         | 935  | 845   | 750  | 690  | 625  | 600      | 580  | 560  | 545  | 525  | 510  | 500  | 485  |
| 120            | 1625         | 1180 | 1065  | 945  | 875  | 785  | 755      | 730  | 705  | 690  | 665  | 645  | 635  | 615  |
| 160            | 1980         | 1440 | 1300  | 1155 | 1065 | 960  | 925      | 895  | 865  | 840  | 810  | 790  | 775  | 750  |
| 200            | 2180         | 1585 | 1425  | 1270 | 1170 | 1055 | 1015     | 980  | 950  | 925  | 890  | 865  | 850  | 825  |
| 240            | 2310         | 1680 | 1515  | 1350 | 1245 | 1120 | 1075     | 1040 | 1005 | 980  | 945  | 920  | 900  | 875  |
| 280            | 2575         | 1870 | 1685  | 1500 | 1385 | 1250 | 1200     | 1160 | 1120 | 1090 | 1055 | 1025 | 1005 | 975  |
| 320            | 2880         | 2095 | 1885  | 1680 | 1550 | 1395 | 1340     | 1295 | 1255 | 1220 | 1175 | 1145 | 1125 | 1090 |
| 360            | 3115         | 2265 | 2040  | 1815 | 1675 | 1510 | 1450     | 1405 | 1355 | 1320 | 1275 | 1240 | 1215 | 1180 |
| 400            | 3485         | 2535 | 2285  | 2035 | 1875 | 1690 | 1625     | 1570 | 1520 | 1480 | 1425 | 1385 | 1360 | 1320 |
| 450            | 3830         | 2785 | 2510  | 2235 | 2060 | 1855 | 1785     | 1725 | 1670 | 1625 | 1565 | 1525 | 1495 | 1450 |

**TIRE DIMENSIONS**

|                          | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER         | 783 mm   | 798 mm          |
| TIRE WIDTH               | 258 mm   | 264 mm          |
| PATTERN DEPTH            | 16 mm    |                 |
| PATTERN DEPTH ON TIE BAR | 16 mm    |                 |
| MAX. INFLATION PRESSURE  | 450 kPa  |                 |

STATIC LOADED RADIUS 363 mm @ 1400 kg / 450 kPa

DYNAMIC ROLLING CIRCUMFERENCE 2390 mm @ 1400 kg / 450 kPa

DYNAMIC ROLLING RADIUS 380 mm @ 1400 kg / 450 kPa

SPEED RADIUS INDEX 370

TUBELESS VALVE TR413

BELT MATERIAL Steel

MARKINGS M+S, POR

STUDDABLE Yes  
Marked stud positions on tread  
Number of studs 192 pcs  
Recommended stud 8-10 , 8-11 , 8-12 , 8-13

VOLUME 62 l 100%  
47 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 |
| 62               | 16      | 47                | 12      | 38                               | 10      | 19   | 43  | 57                    | 126 |

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/)