

# 780/50-28.5 24 182A8/190A2 NOKIAN TYRES FOREST KING TRS 2 SF TT

Excellent traction in most demanding forestry use

|                          |                         |
|--------------------------|-------------------------|
| PRODUCT CODE             | T445581                 |
| TIRE CLASSIFICATION CODE | LS-2                    |
| APPLICATION              | Forwarder and Harvester |
| LI / SPEED SYMBOL        | 182A8 (190A2)           |
| PLY RATING               | 24                      |
| RIM RECOMMENDED          | AG26.00                 |
| TYPE APPROVAL            | E8 106R-001579          |



## LOAD CAPACITY FOR FORWARDER AND HARVESTER, KG

### Forestry service (LT)

| Pressure (kPa) | Speed (km/h) |
|----------------|--------------|
|                | 10           |
| 160            | 4625         |
| 200            | 5300         |
| 240            | 5600         |
| 280            | 6300         |
| 320            | 6500         |
| 360            | 7300         |
| 400            | 8000         |
| 450            | 8500         |
| 500            | 9000         |
| 600            | 10600        |

### Road

| Pressure (kPa) | Speed (km/h) |      |      |
|----------------|--------------|------|------|
|                | 20           | 30   | 40   |
| 160            | 4615         | 4015 | 3750 |
| 200            | 5230         | 4550 | 4250 |
| 240            | 5535         | 4815 | 4500 |
| 280            | 6335         | 5510 | 5150 |
| 320            | 6520         | 5670 | 5300 |
| 360            | 7380         | 6420 | 6000 |
| 400            | 7995         | 6955 | 6500 |
| 450            | 8485         | 7385 | 6900 |
| 500            | 8980         | 7810 | 7300 |
| 600            | 10455        | 9095 | 8500 |

## TIRE DIMENSIONS

|                          | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER         | 1513 mm  | 1558 mm         |
| TIRE WIDTH               | 782 mm   | 836 mm          |
| PATTERN DEPTH            | 49 mm    |                 |
| PATTERN DEPTH ON TIE BAR |          |                 |
| MAX. INFLATION PRESSURE  | 600 kPa  |                 |

STATIC LOADED RADIUS 691 mm @ 10600 kg / 600 kPa

DYNAMIC ROLLING CIRCUMFERENCE 4611 mm @ 10600 kg / 600 kPa

DYNAMIC ROLLING RADIUS 734 mm @ 10600 kg / 600 kPa

TUBE PRODUCT CODE T545543

TUBE VALVE TR218A

BREAKER MATERIAL Steel

VOLUME 675 l 100%  
506 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  |
| 675              | 178     | 506               | 134     | 415                              | 110     | 212  | 467 | 627                   | 1382 |

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/)