

# 500/70-28 146A8 NOKIAN TYRES FOREST KING T SF TT

Heavyweight professional

|                          |                |
|--------------------------|----------------|
| PRODUCT CODE             | T445335        |
| TIRE CLASSIFICATION CODE | LS-2           |
| APPLICATION              | Tractor        |
| LI / SPEED SYMBOL        | 146A8          |
| RIM RECOMMENDED          | DW16L          |
| TYPE APPROVAL            | E8 106R-001991 |



## LOAD CAPACITY FOR TRACTOR, LB

### Forestry service (LT)

| Pressure (psi) | Speed (mph) |
|----------------|-------------|
|                | 5           |
| 23             | 7385        |
| 29             | 7825        |
| 35             | 8045        |

### Road

| Pressure (psi) | Speed (mph) |      |      |      |      |
|----------------|-------------|------|------|------|------|
|                | 5           | 12   | 17.5 | 25   | 30   |
| 23             | 9015        | 7385 | 6425 | 6010 | 5465 |
| 29             | 9590        | 7860 | 6845 | 6395 | 5820 |
| 35             | 9920        | 8135 | 7075 | 6615 | 6020 |

## TIRE DIMENSIONS

|                         | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER        | 55.2 in  | 57.5 in         |
| TIRE WIDTH              | 20.1 in  | 21.4 in         |
| PATTERN DEPTH           | 62/32 in |                 |
| MAX. INFLATION PRESSURE | 41 psi   |                 |

|                               |                                   |
|-------------------------------|-----------------------------------|
| STATIC LOADED RADIUS          | 25.6 in @ 6600 lb / 35 psi        |
| DYNAMIC ROLLING CIRCUMFERENCE | 167 in @ 6600 lb / 35 psi         |
| DYNAMIC ROLLING RADIUS        | 26.6 in @ 6600 lb / 35 psi        |
| SPEED RADIUS INDEX            | 675                               |
| TUBE PRODUCT CODE             | T545229                           |
| TUBE VALVE                    | TR218A                            |
| BREAKER MATERIAL              | Steel                             |
| STUDDABLE                     | Yes<br>Number of studs 108 pcs    |
| VOLUME                        | 90 gallons 100%<br>68 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 |
| 340              | 90      | 255               | 67      | 209                              | 55      | 107  | 235 | 316                   | 697 |

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/)