# 710/40-22.5 20 161A8/168A2 NOKIAN TYRES FOREST KING TRS 2 SF TT

**Excellent traction in most demanding forestry use**



| | |
|---|---|
| **PRODUCT CODE** | T445607 |
| **TIRE CLASSIFICATION CODE** | LS-2 |
| **APPLICATION** | Forwarder and Harvester |
| **LI / SPEED SYMBOL** | 161A8 (168A2) |
| **PLY RATING** | 20 |
| **RIM RECOMMENDED** | AG24.00 |
| **TYPE APPROVAL** | E8 106R-001582 |

## LOAD CAPACITY FOR FORWARDER AND HARVESTER, LB

### Forestry service (LT)

| **Pressure** (psi) | **Speed** (mph) |
|---|---|
| | **5** |
| 23 | 6615 |
| 29 | 7165 |
| 35 | 7825 |
| 41 | 8820 |
| 46 | 9370 |
| 52 | 10195 |
| 58 | 11025 |
| 65 | 12015 |
| 73 | 12345 |

### Road

| **Pressure** (psi) | **Speed** (mph) | | |
|---|---|---|---|
| | **12** | **17.5** | **25** |
| 23 | 6590 | 5730 | 5355 |
| 29 | 7185 | 6250 | 5840 |
| 35 | 7860 | 6845 | 6395 |
| 41 | 8820 | 7670 | 7165 |
| 46 | 9360 | 8135 | 7605 |
| 52 | 10175 | 8850 | 8265 |
| 58 | 11190 | 9735 | 9095 |
| 65 | 11860 | 10320 | 9645 |
| 73 | 12545 | 10915 | 10195 |

## TIRE DIMENSIONS

| | **New tire** | **Max. in service** |
|---|---|---|
| **OVERALL DIAMETER** | 46.1 in | 46.5 in |
| **TIRE WIDTH** | 27.8 in | 30.9 in |
| **PATTERN DEPTH** | 53/32 in | |
| **PATTERN DEPTH ON TIE BAR** | | |
| **MAX. INFLATION PRESSURE** | 80 psi | |

| | |
|---|---|
| **STATIC LOADED RADIUS** | 21.1 in @ 12300 lb / 73 psi |
| **DYNAMIC ROLLING CIRCUMFERENCE** | 140.5 in @ 12300 lb / 73 psi |
| **DYNAMIC ROLLING RADIUS** | 22.4 in @ 12300 lb / 73 psi |
| **TUBE PRODUCT CODE** | T55092 |
| **TUBE VALVE** | TR218A |
| **BREAKER MATERIAL** | Steel |
| **VOLUME** | 106 gallons 100%<br>80 gallons 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 |
| 400 | 106 | 300 | 79 | 246 | 65 | 125 | 277 | 371 | 818 |

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/**