

710/55-28.5 24 180A8/187A2 NOKIAN TYRES FOREST KING TRS 2 SF TT

Excellent traction in most demanding forestry use

| | |
|--------------------------|-------------------------|
| PRODUCT CODE | T445612 |
| TIRE CLASSIFICATION CODE | LS-2 |
| APPLICATION | Forwarder and Harvester |
| LI / SPEED SYMBOL | 180A8 (187A2) |
| PLY RATING | 24 |
| RIM RECOMMENDED | AG24.00 |
| TYPE APPROVAL | E8 106R-001583 |



LOAD CAPACITY FOR FORWARDER AND HARVESTER, KG

Forestry service (LT)

| Pressure (kPa) | Speed (km/h) |
|----------------|--------------|
| | 10 |
| 160 | 4375 |
| 200 | 4875 |
| 240 | 5300 |
| 280 | 6000 |
| 320 | 6150 |
| 360 | 6900 |
| 400 | 7500 |
| 450 | 8000 |
| 500 | 8500 |
| 600 | 9750 |

Road

| Pressure (kPa) | Speed (km/h) | | |
|----------------|--------------|------|------|
| | 20 | 30 | 40 |
| 160 | 4365 | 3800 | 3550 |
| 200 | 4920 | 4280 | 4000 |
| 240 | 5230 | 4550 | 4250 |
| 280 | 5995 | 5215 | 4875 |
| 320 | 6150 | 5350 | 5000 |
| 360 | 6890 | 5990 | 5600 |
| 400 | 7565 | 6580 | 6150 |
| 450 | 7995 | 6955 | 6500 |
| 500 | 8485 | 7385 | 6900 |
| 600 | 9840 | 8560 | 8000 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER | 1513 mm | 1560 mm |
| TIRE WIDTH | 711 mm | 785 mm |
| PATTERN DEPTH | 49 mm | |
| MAX. INFLATION PRESSURE | 600 kPa | |

| | |
|-------------------------------|-----------------------------|
| STATIC LOADED RADIUS | 693 mm @ 9750 kg / 600 kPa |
| DYNAMIC ROLLING CIRCUMFERENCE | 4618 mm @ 9750 kg / 600 kPa |
| DYNAMIC ROLLING RADIUS | 735 mm @ 9750 kg / 600 kPa |
| TUBE PRODUCT CODE | T5445543 |
| TUBE VALVE | TR218A |
| BREAKER MATERIAL | Steel |
| VOLUME | 620 l 100% 465 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 |
| 620 | 164 | 465 | 123 | 382 | 101 | 195 | 429 | 577 | 1272 |

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.

Tyre have 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/