

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, LB

Forestry service (LT)

| Pressure (psi) | Speed (mph) |
|----------------|-------------|
| | 5 |
| 23 | 10195 |
| 29 | 11685 |
| 35 | 12345 |
| 41 | 13890 |
| 46 | 14330 |
| 52 | 16095 |
| 58 | 17635 |
| 65 | 18740 |
| 73 | 19840 |
| 87 | 23370 |

Road

| Pressure (psi) | Speed (mph) | | |
|----------------|-------------|-------|-------|
| | 12 | 17.5 | 25 |
| 23 | 10175 | 8850 | 8265 |
| 29 | 11530 | 10030 | 9370 |
| 35 | 12205 | 10615 | 9920 |
| 41 | 13965 | 12145 | 11355 |
| 46 | 14375 | 12500 | 11685 |
| 52 | 16270 | 14155 | 13230 |
| 58 | 17625 | 15335 | 14330 |
| 65 | 18705 | 16280 | 15210 |
| 73 | 19800 | 17220 | 16095 |
| 87 | 23050 | 20050 | 18740 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER | 59.6 in | 61.3 in |
| TIRE WIDTH | 30.8 in | 32.9 in |
| PATTERN DEPTH | 62/32 in | |
| PATTERN DEPTH ON TIE BAR | | |
| MAX. INFLATION PRESSURE | 87 psi | |

STATIC LOADED RADIUS 27.2 in @ 23400 lb / 87 psi

DYNAMIC ROLLING CIRCUMFERENCE 181.5 in @ 23400 lb / 87 psi

DYNAMIC ROLLING RADIUS 28.9 in @ 23400 lb / 87 psi

TUBE PRODUCT CODE T545543

TUBE VALVE TR218A

BREAKER MATERIAL Steel

VOLUME 178 gallons 100%
134 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 |
| 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/