

800/40-24.5 20 FOREST KING TRS 2 SF TT

Excellent traction in most demanding forestry use

| | |
|--------------------------|-------------------------|
| PRODUCT CODE | T445718 |
| TIRE CLASSIFICATION CODE | LS-2 |
| APPLICATION | Forwarder and Harvester |
| LI / SPEED SYMBOL | 169A8 (176A2) |
| PLY RATING | 20 |
| RIM RECOMMENDED | AG28.00 |
| TYPE APPROVAL | E8 106R-001587 |



LOAD CAPACITY FOR FORWARDER AND HARVESTER, KG

Forestry service (LT)

| Pressure (kPa) | Speed (km/h) |
|----------------|--------------|
| | 10 |
| 160 | 3650 |
| 200 | 4125 |
| 240 | 4500 |
| 280 | 5000 |
| 320 | 5300 |
| 360 | 5800 |
| 400 | 6300 |
| 450 | 6700 |
| 500 | 7100 |

Road

| Pressure (kPa) | Speed (km/h) | | |
|----------------|--------------|------|------|
| | 20 | 30 | 40 |
| 160 | 3690 | 3210 | 3000 |
| 200 | 4120 | 3585 | 3350 |
| 240 | 4490 | 3905 | 3650 |
| 280 | 5075 | 4415 | 4125 |
| 320 | 5230 | 4550 | 4250 |
| 360 | 5845 | 5085 | 4750 |
| 400 | 6335 | 5510 | 5150 |
| 450 | 6705 | 5830 | 5450 |
| 500 | 7135 | 6205 | 5800 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER | 1251 mm | 1307 mm |
| TIRE WIDTH | 784 mm | 895 mm |
| PATTERN DEPTH | 48 mm | |
| MAX. INFLATION PRESSURE | 550 kPa | |

STATIC LOADED RADIUS 566 mm @ 7100 kg / 500 kPa

DYNAMIC ROLLING CIRCUMFERENCE 3808 mm @ 7100 kg / 500 kPa

DYNAMIC ROLLING RADIUS 606 mm @ 7100 kg / 500 kPa

TUBE PRODUCT CODE T545448

TUBE VALVE TR218A

BREAKER MATERIAL Steel

VOLUME 435 l 100%
326 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 |
| 435 | 115 | 326 | 86 | 268 | 71 | 136 | 301 | 404 | 891 |

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/