

650/45-22.5 24 175A8 NOKIAN TYRES GROUND KARE SF TL

Excavator and backhoe loader tire for versatile contracting work

| | |
|-------------------|-------------------|
| PRODUCT CODE | T445664 |
| APPLICATION | Wheeled excavator |
| LI / SPEED SYMBOL | 175A8 |
| PLY RATING | 24 |
| RIM RECOMMENDED | AG22.00 |
| RIM PERMITTED | AG20.00 |
| TYPE APPROVAL | E8 106R-001143 |



LOAD CAPACITY FOR WHEELED EXCAVATOR, LB

Constant load

| Pressure (psi) | Speed (mph) | | | | | | | | | | |
|----------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 0 | 2.5 | 5 | 10 | 12 | 15 | 17.5 | 22.5 | 25 | 27.5 | 30 |
| 52 | 22190 | 13990 | 12060 | 10900 | 10515 | 10230 | 10030 | 9845 | 9645 | 9260 | 8775 |
| 58 | 24085 | 15190 | 13095 | 11840 | 11420 | 11100 | 10890 | 10680 | 10470 | 10055 | 9535 |
| 65 | 26875 | 16945 | 14605 | 13205 | 12730 | 12390 | 12145 | 11915 | 11685 | 11220 | 10635 |
| 73 | 29410 | 18540 | 15985 | 14450 | 13935 | 13560 | 13295 | 13040 | 12785 | 12280 | 11640 |
| 80 | 31945 | 20140 | 17360 | 15695 | 15135 | 14725 | 14440 | 14165 | 13890 | 13340 | 12645 |
| 87 | 34985 | 22055 | 19015 | 17185 | 16580 | 16125 | 15820 | 15520 | 15210 | 14605 | 13845 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER | 45.1 in | 47.2 in |
| TIRE WIDTH | 26.1 in | 27.4 in |
| PATTERN DEPTH | 33/32 in | |
| MAX. INFLATION PRESSURE | 87 psi | |

STATIC LOADED RADIUS 20.6 in @ 15200 lb / 87 psi

DYNAMIC ROLLING CIRCUMFERENCE 137.5 in @ 15200 lb / 87 psi

DYNAMIC ROLLING RADIUS 21.9 in @ 15200 lb / 87 psi

SPEED RADIUS INDEX 550

TUBE PRODUCT CODE T55092

TUBE VALVE TR218A

TUBELESS VALVE TR618A

BREAKER MATERIAL Steel

STUDDABLE Yes

VOLUME 79 gallons 100%
59 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 |
| 300 | 79 | 225 | 59 | 185 | 49 | 94 | 207 | 279 | 615 |

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/