

# 620/60B34 178A8/175B NOKIAN TYRES GROUND KARE SB TL

Excavator and backhoe loader tire for versatile contracting work

|                   |                |
|-------------------|----------------|
| PRODUCT CODE      | T445668        |
| APPLICATION       | Backhoe loader |
| LI / SPEED SYMBOL | 178A8 (175B)   |
| RIM RECOMMENDED   | DW20B          |
| RIM PERMITTED     | DW18L          |
| TYPE APPROVAL     | E8 106R-001144 |



## LOAD CAPACITY FOR BACKHOE LOADER, LB

### Constant load

| Pressure<br>(psi) | Speed (mph) |       |       |       |       |       |       |       |       |       |       |
|-------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                   | 0           | 2.5   | 5     | 10    | 12    | 15    | 17.5  | 22.5  | 25    | 27.5  | 30    |
| 35                | 22820       | 14385 | 12400 | 11210 | 10815 | 10515 | 10320 | 10120 | 9920  | 9525  | 9030  |
| 46                | 28395       | 17900 | 15430 | 13955 | 13460 | 13085 | 12840 | 12590 | 12345 | 11850 | 11235 |
| 52                | 31945       | 20140 | 17360 | 15695 | 15135 | 14725 | 14440 | 14165 | 13890 | 13340 | 12645 |
| 58                | 34985       | 22055 | 19015 | 17185 | 16580 | 16125 | 15820 | 15520 | 15210 | 14605 | 13845 |
| 65                | 38030       | 23975 | 20670 | 18685 | 18025 | 17525 | 17195 | 16865 | 16535 | 15875 | 15045 |

## TIRE DIMENSIONS

|                          | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER         | 63.3 in  | 65.4 in         |
| TIRE WIDTH               | 24.8 in  | 26.6 in         |
| PATTERN DEPTH            | 31/32 in |                 |
| PATTERN DEPTH ON TIE BAR | 31/32 in |                 |
| MAX. INFLATION PRESSURE  | 65 psi   |                 |

|                               |                                     |
|-------------------------------|-------------------------------------|
| STATIC LOADED RADIUS          | 29.5 in @ 16500 lb / 65 psi         |
| DYNAMIC ROLLING CIRCUMFERENCE | 193.2 in @ 16500 lb / 65 psi        |
| DYNAMIC ROLLING RADIUS        | 30.7 in @ 16500 lb / 65 psi         |
| TUBE PRODUCT CODE             | T55395                              |
| TUBE VALVE                    | TR218A                              |
| TUBELESS VALVE                | TR618A                              |
| STUDDABLE                     | Yes                                 |
| VOLUME                        | 164 gallons 100%<br>123 gallons 75% |

## WATER AND SALT BALLASTING

(CaCl<sub>2</sub>, 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  |
| 619              | 164     | 464               | 123     | 381                              | 101     | 194  | 428 | 575                   | 1268 |

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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)