

17.5-25 24 184A2 NOKIAN TYRES MINE KING L-5S TL

For extreme underground loading application

PRODUCT CODE T445540

TIRE CLASSIFICATION CODE L-5S

APPLICATION Underground loader / Drill rigs and other mining machines

LI / SPEED SYMBOL 184A2

PLY RATING 24

RIM RECOMMENDED 14.00/1.5

RIM PERMITTED 14.00/1.3



LOAD CAPACITY FOR UNDERGROUND LOADER, KG

| Pressure (kPa) | Speed (km/h) | | | |
|----------------|--------------|-------|-------|------|
| | 0 | 1 | 5 | 10 |
| 375 | 10210 | 8295 | 7275 | 6380 |
| 400 | 10605 | 8615 | 7555 | 6625 |
| 425 | 10985 | 8925 | 7825 | 6865 |
| 450 | 11360 | 9230 | 8095 | 7100 |
| 475 | 11725 | 9525 | 8355 | 7330 |
| 500 | 12080 | 9815 | 8610 | 7550 |
| 525 | 12430 | 10100 | 8855 | 7770 |
| 550 | 12775 | 10380 | 9100 | 7985 |
| 575 | 13110 | 10650 | 9340 | 8195 |
| 600 | 13440 | 10920 | 9575 | 8400 |
| 625 | 13765 | 11185 | 9810 | 8605 |
| 650 | 14085 | 11445 | 10035 | 8805 |
| 675 | 14400 | 11700 | 10260 | 9000 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER | 1400 mm | 1460 mm |
| TIRE WIDTH | 445 mm | 494 mm |
| PATTERN DEPTH | 66 mm | |
| PATTERN DEPTH ON TIE BAR | | |
| MAX. INFLATION PRESSURE | 800 kPa | |

| | |
|-------------------------------|-----------------------------|
| STATIC LOADED RADIUS | 661 mm @ 9000 kg / 675 kPa |
| DYNAMIC ROLLING CIRCUMFERENCE | 4291 mm @ 9000 kg / 675 kPa |
| DYNAMIC ROLLING RADIUS | 683 mm @ 9000 kg / 675 kPa |
| TUBE PRODUCT CODE | T55867 |
| FLAP PRODUCT CODE | T299551 |
| TUBE VALVE | TR J1175 |
| TUBELESS VALVE | TR650 |
| VOLUME | 260 l 100% 195 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 |
| 260 | 69 | 195 | 52 | 160 | 42 | 82 | 180 | 242 | 534 |

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/