

## 12.00-20 20 MINE KING L-5S TT

For extreme underground loading application

|                          |   |
|--------------------------|---|
| PRODUCT CODE             | T445544   |
| TIRE CLASSIFICATION CODE | L-5S  |
| APPLICATION              | Underground loader / Drill rigs and other mining machines |
| LI / SPEED SYMBOL        | 173A2   |
| PLY RATING               | 20  |
| RIM RECOMMENDED          | 8.5   |
| RIM PERMITTED            | 9.0   |



### LOAD CAPACITY FOR UNDERGROUND LOADER, KG

| Pressure (kPa) | Speed (km/h) |      |      |      |
|----------------|--------------|------|------|------|
|                | 0            | 1    | 5    | 10   |
| 550            | 8060         | 6550 | 5745 | 5040 |
| 575            | 8275         | 6725 | 5895 | 5170 |
| 600            | 8485         | 6890 | 6045 | 5300 |
| 625            | 8690         | 7060 | 6190 | 5430 |
| 650            | 8890         | 7225 | 6335 | 5555 |
| 675            | 9090         | 7385 | 6475 | 5680 |
| 700            | 9285         | 7545 | 6615 | 5800 |
| 725            | 9475         | 7700 | 6750 | 5920 |
| 750            | 9665         | 7855 | 6885 | 6040 |
| 775            | 9855         | 8005 | 7020 | 6160 |
| 800            | 10040        | 8155 | 7150 | 6275 |
| 825            | 10220        | 8305 | 7280 | 6385 |
| 850            | 10400        | 8450 | 7410 | 6500 |

## TIRE DIMENSIONS

|                         | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER        | 1179 mm  | 1214 mm         |
| TIRE WIDTH              | 342 mm   | 340 mm          |
| PATTERN DEPTH           | 36 mm    |                 |
| MAX. INFLATION PRESSURE | 1000 kPa |                 |

|                               |                             |
|-------------------------------|-----------------------------|
| STATIC LOADED RADIUS          | 550 mm @ 6500 kg / 850 kPa  |
| DYNAMIC ROLLING CIRCUMFERENCE | 3582 mm @ 6500 kg / 850 kPa |
| DYNAMIC ROLLING RADIUS        | 570 mm @ 6500 kg / 850 kPa  |
| TUBE PRODUCT CODE             | T52810                      |
| FLAP PRODUCT CODE             | T299537                     |
| TUBE VALVE                    | V3.02.16                    |
| VOLUME                        | 135 l 100%<br>101 l 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 |
| 135              | 36      | 101               | 27      | 83                               | 22      | 42   | 93  | 125                   | 276 |

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