

29.5-29 40 218A2 NOKIAN TYRES MINE KING L-5S TL

For extreme underground loading application

| | |
|--------------------------|--------------------|
| PRODUCT CODE | T445547 |
| TIRE CLASSIFICATION CODE | L-5S |
| APPLICATION | Underground loader |
| LI / SPEED SYMBOL | 218A2 |
| PLY RATING | 40 |
| RIM RECOMMENDED | 25.00/3.5 |
| RIM PERMITTED | 24.00/3.5 |



LOAD CAPACITY FOR UNDERGROUND LOADER, KG

| Pressure (kPa) | Speed (km/h) | | | |
|----------------|--------------|-------|-------|-------|
| | 0 | 1 | 5 | 10 |
| 425 | 30135 | 24485 | 21470 | 18835 |
| 450 | 31160 | 25315 | 22200 | 19475 |
| 475 | 32160 | 26130 | 22915 | 20100 |
| 500 | 33140 | 26925 | 23610 | 20710 |
| 525 | 34100 | 27705 | 24295 | 21310 |
| 550 | 35040 | 28470 | 24965 | 21900 |
| 575 | 35960 | 29220 | 25625 | 22475 |
| 600 | 36870 | 29955 | 26270 | 23045 |
| 625 | 37760 | 30680 | 26905 | 23600 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER | 2020 mm | 2126 mm |
| TIRE WIDTH | 767 mm | 833 mm |
| PATTERN DEPTH | 98 mm | |
| PATTERN DEPTH ON TIE BAR | | |
| MAX. INFLATION PRESSURE | 800 kPa | |

STATIC LOADED RADIUS 925 mm @ 23600 kg / 625 kPa

DYNAMIC ROLLING CIRCUMFERENCE 6145 mm @ 23600 kg / 625 kPa

DYNAMIC ROLLING RADIUS 978 mm @ 23600 kg / 625 kPa

TUBELESS VALVE TR650

VOLUME 991 | 100%
743 | 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 |
| 991 | 262 | 743 | 196 | 610 | 161 | 311 | 685 | 921 | 2030 |

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/