

# 12.00-20 20 173A2 NOKIAN TYRES MINE KING L-5S TT

For extreme underground loading application

<b>PRODUCT CODE</b>	T445544
<b>TIRE CLASSIFICATION CODE</b>	L-5S
<b>APPLICATION</b>	Underground loader / Drill rigs and other mining machines
<b>LI / SPEED SYMBOL</b>	173A2
<b>PLY RATING</b>	20
	8.5
<b>RIM RECOMMENDED</b>	Nominal dimensions and rim recommendations from TRA Off-The-Road standard
<b>RIM PERMITTED</b>	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	
PATTERN DEPTH ON TIE BAR		
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% 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.

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/)