

12.00-20 20 173A2 NOKIAN TYRES 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
	8.5
RIM RECOMMENDED	Nominal dimensions and rim recommendations from TRA Off-The-Road standard
RIM PERMITTED	9.0



LOAD CAPACITY FOR UNDERGROUND LOADER, LB

Pressure (psi)	Speed (mph)			
	0	creep	2.5	5
80	17770	14440	12665	11110
83	18245	14825	12995	11400
87	18705	15190	13325	11685
91	19160	15565	13645	11970
94	19600	15930	13965	12245
98	20040	16280	14275	12520
102	20470	16635	14585	12785
105	20890	16975	14880	13050
109	21310	17315	15180	13315
112	21725	17650	15475	13580
116	22135	17980	15765	13835
120	22530	18310	16050	14075
123	22930	18630	16335	14330

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	46.4 in	47.8 in
TIRE WIDTH	13.5 in	13.4 in
PATTERN DEPTH	45/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	145 psi	

STATIC LOADED RADIUS	21.7 in @ 14300 lb / 123 psi
DYNAMIC ROLLING CIRCUMFERENCE	141 in @ 14300 lb / 123 psi
DYNAMIC ROLLING RADIUS	22.4 in @ 14300 lb / 123 psi
TUBE PRODUCT CODE	T52810
FLAP PRODUCT CODE	T299537
TUBE VALVE	V3.02.16
VOLUME	36 gallons 100% 27 gallons 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
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/