

## 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, LB

Pressure (psi)	Speed (mph)			
	0	creep	2.5	5
62	66435	53980	47335	41525
65	68695	55810	48945	42935
69	70900	57605	50520	44315
73	73060	59360	52050	45660
76	75180	61080	53560	46980
80	77250	62765	55040	48280
83	79280	64420	56495	49550
87	81285	66040	57915	50805
91	83245	67640	59315	52030

### TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	79.5 in	83.7 in
TIRE WIDTH	30.2 in	32.8 in
PATTERN DEPTH	123/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	116 psi	

STATIC LOADED RADIUS 36.4 in @ 52000 lb / 91 psi

DYNAMIC ROLLING CIRCUMFERENCE 241.9 in @ 52000 lb / 91 psi

DYNAMIC ROLLING RADIUS 38.5 in @ 52000 lb / 91 psi

TUBELESS VALVE TR650

VOLUME 262 gallons 100%  
197 gallons 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
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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)