

## 14.00-24 28 188A2 NOKIAN TYRES MINE KING E-4 TL

Purpose designed and built special tire for drill rigs and utility vehicles

<b>PRODUCT CODE</b>	T445709
<b>TIRE CLASSIFICATION CODE</b>	E-4
<b>APPLICATION</b>	Drill rigs and other mining machines
<b>LI / SPEED SYMBOL</b>	188A2
<b>PLY RATING</b>	28
	10.00WA
<b>RIM RECOMMENDED</b>	Nominal dimensions and rim recommendations from ETRTO standard
<b>RIM PERMITTED</b>	10.00VA



### LOAD CAPACITY FOR DRILL RIGS AND OTHER MINING MACHINES, LB

Pressure (psi)	Speed (mph)						
	0	creep	2.5	5	10	12	15
91	28045	22785	19985	17525	15245	14725	14020
94	28695	23315	20450	17935	15610	15070	14350
98	29335	23830	20900	18330	15950	15400	14670
102	29970	24350	21350	18730	16290	15730	14980
105	30590	24855	21795	19115	16635	16060	15290
109	31205	25355	22235	19500	16965	16380	15600
112	31800	25840	22665	19875	17295	16700	15905
116	32395	26325	23080	20250	17615	17010	16205
120	32990	26810	23500	20625	17935	17315	16490
123	33575	27280	23920	20975	18255	17625	16790
127	34150	27745	24330	21340	18565	17925	17075
131	34710	28210	24735	21695	18870	18220	17360
134	35275	28660	25135	22045	19180	18520	17635

LOAD CAPACITY 10470 kg / 1000 kPa / 10 km/h

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	54.8 in	55.7 in
TIRE WIDTH	15.1 in	15.9 in
PATTERN DEPTH	58/32 in	
PATTERN DEPTH ON TIE BAR		
MAX. INFLATION PRESSURE	145 psi	

STATIC LOADED RADIUS	24.8 in @ 22000 lb / 134 psi
DYNAMIC ROLLING CIRCUMFERENCE	163.5 in @ 22000 lb / 134 psi
DYNAMIC ROLLING RADIUS	26 in @ 22000 lb / 134 psi
TUBE PRODUCT CODE	T55767
FLAP PRODUCT CODE	T299531
TUBE VALVE	TR1175A
TUBELESS VALVE	TR650
VOLUME	61 gallons 100% 46 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
232	61	174	46	143	38	73	160	216	476

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/)