

# 710/70R42 179D/175E GROUND KING TL

Combining all-terrain mobility with on-road performance

PRODUCT CODE	T445725
APPLICATION	Tractor / Trailer
LI / SPEED SYMBOL	179D (175E)
RIM RECOMMENDED	DW23B
TYPE APPROVAL	E8 106R-001795



## LOAD CAPACITY FOR TRACTOR, LB

### Tractor

Pressure (psi)	Speed (mph)													
	2.5	5	10	12	15	17.5	22.5	25	27.5	30	35	37.5	40	42.5
12	13305	11740	10485	9625	9270	9005	8765	8565	8380	8225	8060	7950	7825	7120
17	16865	14880	13295	12205	11760	11410	11110	10870	10615	10415	10220	10075	9920	9030
23	20990	18520	16545	15190	14630	14200	13825	13515	13205	12965	12720	12535	12345	11235
29	23050	20340	18165	16680	16070	15600	15190	14850	14505	14240	13965	13755	13560	12335
35	24360	21495	19200	17625	16985	16480	16050	15695	15335	15045	14760	14550	14330	13040
41	26610	23480	20975	19255	18550	18000	17525	17140	16745	16435	16125	15885	15655	14240
46	29045	25630	22895	21020	20250	19655	19135	18705	18285	17945	17605	17340	17085	15555

## LOAD CAPACITY FOR TRAILER, LB

### Trailed

Pressure (psi)	Speed (mph)									
	2.5	5	10	12	15	17.5	22.5	25	27.5	30
12	13305	11740	10485	9625	9390	9390	9390	9390	9005	8530
17	16865	14880	13295	12205	11905	11905	11905	11905	11410	10815
23	20990	18520	16545	15190	14815	14815	14815	14815	14200	13460
29	23050	20340	18165	16680	16270	16270	16270	16270	15600	14780
35	24360	21495	19200	17625	17195	17195	17195	17195	16480	15620
41	26610	23480	20975	19255	18785	18785	18785	18785	18000	17065
46	29045	25630	22895	21020	20505	20505	20505	20505	19655	18630

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	81.1 in	82.7 in
TIRE WIDTH	28 in	29.2 in
PATTERN DEPTH	78/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	36.7 in @ 17100 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	245.9 in @ 17100 lb / 46 psi
DYNAMIC ROLLING RADIUS	39.1 in @ 17100 lb / 46 psi
SPEED RADIUS INDEX	975
STUDDABLE	Yes Marked stud positions on tread Number of studs 144 pcs Recommended stud 12-20,12-23-12-24,16-19
VOLUME	302 gallons 100% 227 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
1142	302	857	226	703	186	358	790	1061	2339

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.

Tyre have 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/)