

## 23.5R25 195A2/176B NOKIAN TYRES LOADER GRIP L-3 TL

Sturdy grip for wheel loaders and machines

PRODUCT CODE	T445223
TIRE CLASSIFICATION CODE	L-3
APPLICATION	Wheel loader / Transport application
LI / SPEED SYMBOL	195A2 (176B)
PLY RATING	★
RIM RECOMMENDED	19.50/2.5
RIM PERMITTED	19.50/2.5 IF



### LOAD CAPACITY FOR WHEEL LOADER, KG

Pressure (kPa)	Speed (km/h)										
	0	1	5	10	15	20	25	30	35	40	50
200	10580	8600	7540	6615	5755	5555	5290	5090	4895	4630	4165
225	11560	9390	8235	7225	6285	6070	5780	5565	5345	5055	4550
250	12510	10165	8915	7820	6800	6570	6255	6020	5785	5475	4925
275	13435	10915	9575	8400	7305	7055	6720	6465	6215	5880	5290
300	14345	11655	10220	8965	7800	7530	7170	6900	6635	6275	5645
325	15230	12375	10850	9520	8280	7995	7615	7330	7045	6665	5995
350	16100	13080	11470	10065	8755	8455	8050	7750	7445	7045	6340
375	16955	13775	12080	10595	9220	8900	8480	8160	7840	7420	6675
400	17795	14460	12680	11125	9675	9345	8900	8565	8230	7785	7005
425	18625	15130	13270	11640	10125	9780	9310	8965	8615	8150	7335
450	19440	15795	13850	12150	10570	10205	9720	9355	8990	8505	7655

### LOAD CAPACITY FOR TRANSPORT APPLICATION, KG

Pressure (kPa)	Speed (km/h)									
	15	20	25	30	35	40	45	50	55	60
200	5225	5135	5040	4945	4855	4805	4760	4665	4575	4385
225	5710	5605	5505	5405	5300	5250	5200	5095	4995	4790
250	6180	6070	5960	5845	5735	5680	5625	5515	5405	5185
275	6635	6520	6400	6280	6160	6105	6045	5925	5805	5570
300	7085	6955	6830	6705	6580	6515	6450	6325	6200	5945
325	7520	7390	7255	7120	6985	6920	6850	6715	6580	6315
350	7950	7810	7670	7525	7385	7315	7240	7100	6960	6675

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	1607 mm	1696 mm
TIRE WIDTH	630 mm	663 mm
PATTERN DEPTH	34 mm	
MAX. INFLATION PRESSURE	450 kPa	

STATIC LOADED RADIUS 700 mm @ 12150 kg / 450 kPa

DYNAMIC ROLLING CIRCUMFERENCE 4880 mm @ 12150 kg / 450 kPa

DYNAMIC ROLLING RADIUS 777 mm @ 12150 kg / 450 kPa

TUBELESS VALVE TR650

BELT MATERIAL Steel

MARKINGS M+S

STUDDABLE Yes  
Number of studs 172 pcs  
Recommended stud 16-19

VOLUME 700 l 100%  
525 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
700	185	525	139	431	114	220	484	651	1435

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/)