

# 17.5R25 176A2/157B NOKIAN TYRES LOADER GRIP L-3 TL

Sturdy grip for wheel loaders and machines

PRODUCT CODE	T445255
TIRE CLASSIFICATION CODE	L-3
APPLICATION	Wheel loader / Road grader
LI / SPEED SYMBOL	176A2 (157B)
PLY RATING	★
RIM RECOMMENDED	14.00/15
RIM PERMITTED	14.00/1.3 DC, 13.00/1.4 DC



## LOAD CAPACITY FOR WHEEL LOADER, KG

Pressure (kPa)	Speed (km/h)										
	0	1	5	10	15	20	25	30	35	40	50
200	6185	5025	4405	3865	3360	3245	3090	2975	2860	2705	2435
225	6755	5490	4815	4220	3675	3545	3375	3250	3125	2955	2660
250	7310	5940	5210	4570	3975	3840	3655	3520	3380	3200	2880
275	7850	6380	5595	4905	4270	4120	3925	3780	3630	3435	3090
300	8380	6810	5970	5240	4555	4400	4190	4035	3875	3665	3300
325	8900	7230	6340	5560	4840	4670	4450	4285	4115	3895	3505
350	9410	7645	6705	5880	5115	4940	4705	4530	4350	4115	3705
375	9910	8050	7060	6195	5390	5200	4955	4770	4585	4335	3900
400	10400	8450	7410	6500	5655	5460	5200	5005	4810	4550	4095
425	10885	8845	7755	6800	5920	5715	5440	5240	5035	4760	4285
450	11360	9230	8095	7100	6175	5965	5680	5465	5255	4970	4475

## LOAD CAPACITY FOR ROAD GRADER, KG

Pressure (kPa)	Speed (km/h)									
	15	20	25	30	35	40	45	50	55	60
200	3035	2980	2930	2875	2820	2790	2765	2710	2655	2550
225	3315	3260	3200	3140	3080	3050	3020	2960	2900	2785
250	3590	3525	3460	3395	3335	3300	3270	3205	3140	3015
275	3855	3785	3720	3650	3580	3545	3510	3440	3375	3235
300	4115	4040	3970	3895	3820	3785	3750	3675	3600	3455
325	4370	4290	4215	4135	4060	4020	3980	3900	3825	3670
350	4620	4540	4455	4375	4290	4250	4210	4125	4045	3880

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	1340 mm	1405 mm
TIRE WIDTH	450 mm	494 mm
PATTERN DEPTH	28 mm	
MAX. INFLATION PRESSURE	450 kPa	

STATIC LOADED RADIUS	594 mm @ 7100 kg / 450 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4059 mm @ 7100 kg / 450 kPa
DYNAMIC ROLLING RADIUS	646 mm @ 7100 kg / 450 kPa
TUBE PRODUCT CODE	T55867
FLAP PRODUCT CODE	T299551
TUBE VALVE	TRJ1175
TUBELESS VALVE	TR650
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Number of studs 180 pcs Recommended stud 16-19
VOLUME	330 l 100% 248 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
330	87	248	65	203	54	104	228	307	677

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/)