

# 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	14.00/1.5
RIM PERMITTED	14.00/1.3 DC, 13.00/1.4 DC



## LOAD CAPACITY FOR WHEEL LOADER, LB

Pressure (psi)	Speed (mph)										
	0	creep	2.5	5	10	12	15	17.5	22.5	25	30
29	13635	11080	9710	8520	7410	7155	6810	6560	6305	5965	5370
33	14890	12105	10615	9305	8100	7815	7440	7165	6890	6515	5865
36	16115	13095	11485	10075	8765	8465	8060	7760	7450	7055	6350
40	17305	14065	12335	10815	9415	9085	8655	8335	8005	7575	6810
44	18475	15015	13160	11550	10040	9700	9235	8895	8545	8080	7275
47	19620	15940	13975	12260	10670	10295	9810	9445	9070	8585	7725
51	20745	16855	14780	12965	11275	10890	10375	9985	9590	9070	8170
54	21850	17745	15565	13660	11885	11465	10925	10515	10110	9555	8600
58	22930	18630	16335	14330	12465	12035	11465	11035	10605	10030	9030
62	23995	19500	17095	14990	13050	12600	11995	11550	11100	10495	9445
65	25045	20350	17845	15655	13615	13150	12520	12050	11585	10955	9865

## LOAD CAPACITY FOR ROAD GRADER, LB

Pressure (psi)	Speed (mph)									
	10	12	15	17.5	22.5	25	27.5	30	35	37.5
29	6690	6570	6460	6340	6215	6150	6095	5975	5855	5620
33	7310	7185	7055	6925	6790	6725	6660	6525	6395	6140
36	7915	7770	7630	7485	7350	7275	7210	7065	6925	6645
40	8500	8345	8200	8045	7895	7815	7740	7585	7440	7130
44	9070	8905	8750	8585	8420	8345	8265	8100	7935	7615
47	9635	9460	9290	9115	8950	8865	8775	8600	8435	8090
51	10185	10010	9820	9645	9460	9370	9280	9095	8920	8555

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	52.8 in	55.3 in
TIRE WIDTH	17.7 in	19.4 in
PATTERN DEPTH	35/32 in	
MAX. INFLATION PRESSURE	65 psi	

STATIC LOADED RADIUS	23.4 in @ 15700 lb / 65 psi
DYNAMIC ROLLING CIRCUMFERENCE	159.8 in @ 15700 lb / 65 psi
DYNAMIC ROLLING RADIUS	25.4 in @ 15700 lb / 65 psi
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	87 gallons 100% 65 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
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/)