440/80R28 156A8/151D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445337
EQUIVALENT SIZE	16.9R28
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	156A8 (151D)
RIM RECOMMENDED	DW14L
RIM PERMITTED	DW15L, DW16L
TYPE APPROVAL	E8 106R-001615

LOAD CAPACITY FOR TRACTOR, LB

Constant load

Pressure (psi)	**Speed** (mph)													
	0	**2.5**	**5 LT**	**10**	**12**	**15**	**17.5 5 HT**	**22.5**	**25**	**27.5**	**30**	**35**	**37.5**	**40**
12	9315	5885	5080	4585	4440	4300	4235	4165	4055	3945	3815	3705	3640	3525
17	11640	7365	6350	5730	5555	5380	5290	5205	5070	4940	4760	4630	4540	4410
23	14550	9205	7935	7165	6945	6725	6615	6505	6340	6175	5950	5785	5675	5510
29	15860	10030	8655	7815	7575	7330	7210	7090	6910	6725	6495	6305	6185	6010
35	16875	10680	9205	8310	8060	7805	7670	7540	7350	7165	6900	6715	6580	6395
41	18330	11595	10000	9030	8750	8475	8335	8190	7990	7780	7495	7295	7155	6945
46	20655	13075	11265	10175	9865	9545	9390	9235	9005	8765	8455	8225	8060	7825

Cyclic load

Pressure (psi)	Speed (mph)													
	0	2.5	5 LT	10	12	15	17.5 5 HT	22.5	25	27.5	30	35	37.5	40
12	9315	6770	6105	5435	5005	4520	4345	4200	4055	3945	3815	3705	3640	3525
17	11640	8465	7630	6790	6260	5645	5425	5245	5070	4940	4760	4630	4540	4410
23	14550	10580	9535	8490	7825	7055	6780	6560	6340	6175	5950	5785	5675	5510
29	15860	11530	10395	9250	8530	7695	7385	7155	6910	6725	6495	6305	6185	6010
35	16875	12280	11055	9845	9085	8180	7860	7605	7350	7165	6900	6715	6580	6395
41	18330	13340	12015	10690	9865	8885	8545	8265	7990	7780	7495	7295	7155	6945
46	20655	15025	13535	12050	11110	10020	9625	9315	9005	8765	8455	8225	8060	7825

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	55.6 in	56.8 in
TIRE WIDTH	17 in	18.2 in
PATTERN DEPTH	35/32 in	
PATTERN DEPTH ON TIE BAR	30/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	25.4 in @ 8800 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	168 in @ 8800 lb / 46 psi
DYNAMIC ROLLING RADIUS	26.7 in @ 8800 lb / 46 psi
SPEED RADIUS INDEX	675
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 168 pcs Recommended stud 12-20,12-23,12-24,16-19
VOLUME	96 gallons 100% 72 gallons 75%

WATER AND SALT BALLASTING

(CaCl2, 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
365	96	274	72	225	59	115	252	340	750

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/