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, KG

Constant load

Pressure (kPa)	**Speed** (km/h)													
	0	**5**	**10 LT**	**15**	**20**	**25**	**30 10 HT**	**35**	**40**	**45**	**50**	**55**	**60**	**65**
80	4225	2670	2305	2080	2015	1950	1920	1890	1840	1790	1730	1680	1650	1600
120	5280	3340	2880	2600	2520	2440	2400	2360	2300	2240	2160	2100	2060	2000
160	6600	4175	3600	3250	3150	3050	3000	2950	2875	2800	2700	2625	2575	2500
200	7195	4550	3925	3545	3435	3325	3270	3215	3135	3050	2945	2860	2805	2725
240	7655	4845	4175	3770	3655	3540	3480	3420	3335	3250	3130	3045	2985	2900
280	8315	5260	4535	4095	3970	3845	3780	3715	3625	3530	3400	3310	3245	3150
320	9370	5930	5110	4615	4475	4330	4260	4190	4085	3975	3835	3730	3655	3550

Cyclic load

Pressure (kPa)	Speed (km/h)													
	0	5	10 LT	15	20	25	30 10 HT	35	40	45	50	55	60	65
80	4225	3070	2770	2465	2270	2050	1970	1905	1840	1790	1730	1680	1650	1600
120	5280	3840	3460	3080	2840	2560	2460	2380	2300	2240	2160	2100	2060	2000
160	6600	4800	4325	3850	3550	3200	3075	2975	2875	2800	2700	2625	2575	2500
200	7195	5230	4715	4195	3870	3490	3350	3245	3135	3050	2945	2860	2805	2725
240	7655	5570	5015	4465	4120	3710	3565	3450	3335	3250	3130	3045	2985	2900
280	8315	6050	5450	4850	4475	4030	3875	3750	3625	3530	3400	3310	3245	3150
320	9370	6815	6140	5465	5040	4545	4365	4225	4085	3975	3835	3730	3655	3550

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1413 mm	1443 mm
TIRE WIDTH	433 mm	463 mm
PATTERN DEPTH	28 mm	
PATTERN DEPTH ON TIE BAR	24 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	644 mm @ 4000 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4266 mm @ 4000 kg / 320 kPa
DYNAMIC ROLLING RADIUS	679 mm @ 4000 kg / 320 kPa
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	365 l 100% 274 l 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/