440/80R34 159A8/155D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445369
EQUIVALENT SIZE	16.9R34
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor
LI / SPEED SYMBOL	159A8 (155D)
RIM RECOMMENDED	DW14L
RIM PERMITTED	DW15L, DW16L
TYPE APPROVAL	E8 106R-001617

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	10185	6450	5555	5015	4860	4705	4630	4555	4440	4320	4165	4055	3980	3860
17	13040	8245	7110	6415	6215	6030	5930	5830	5675	5535	5335	5180	5080	4940
23	15860	10030	8655	7815	7575	7330	7210	7090	6910	6725	6495	6305	6185	6010
29	17460	11045	9525	8600	8335	8070	7935	7805	7605	7410	7145	6945	6810	6615
35	18330	11595	10000	9030	8750	8475	8335	8190	7990	7780	7495	7295	7155	6945
41	20085	12700	10955	9890	9580	9280	9125	8975	8750	8520	8210	7990	7835	7605
46	22555	14265	12300	11110	10770	10430	10250	10085	9820	9570	9225	8975	8795	8545

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	10185	7410	6680	5940	5480	4940	4750	4595	4440	4320	4165	4055	3980	3860
17	13040	9480	8545	7605	7010	6315	6075	5875	5675	5535	5335	5180	5080	4940
23	15860	11530	10395	9250	8530	7695	7385	7155	6910	6725	6495	6305	6185	6010
29	17460	12700	11440	10185	9390	8465	8135	7870	7605	7410	7145	6945	6810	6615
35	18330	13340	12015	10690	9865	8885	8545	8265	7990	7780	7495	7295	7155	6945
41	20085	14605	13160	11720	10805	9735	9360	9050	8750	8520	8210	7990	7835	7605
46	22555	16400	14780	13160	12135	10935	10505	10165	9820	9570	9225	8975	8795	8545

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	61.7 in	62.8 in
TIRE WIDTH	16.8 in	18.2 in
PATTERN DEPTH	35/32 in	
PATTERN DEPTH ON TIE BAR	29/32 in	
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	28.2 in @ 9650 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	187 in @ 9650 lb / 46 psi
DYNAMIC ROLLING RADIUS	29.8 in @ 9650 lb / 46 psi
SPEED RADIUS INDEX	750
TUBE PRODUCT CODE	T55391
TUBE VALVE	TR218A
TUBELESS VALVE	TR618A
BELT MATERIAL	Steel
MARKINGS	M+S
STUDDABLE	Yes Marked stud positions on tread Number of studs 192 pcs Recommended stud 12-20,12-23,12-24,16-19
VOLUME	111 gallons 100% 83 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
420	111	315	83	258	68	132	290	390	860

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/