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

Precise control and great efficiency

PRODUCT CODE	T445588
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-001566

LOAD CAPACITY FOR TRACTOR, KG

Constant load

Pressure (kPa)	**Speed** (km/h)													
	0	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**	**55**	**60**	**65**
80	4620	2925	2520	2275	2205	2135	2100	2065	2015	1960	1890	1840	1805	1750
120	5915	3740	3225	2910	2820	2735	2690	2645	2575	2510	2420	2350	2305	2240
160	7195	4550	3925	3545	3435	3325	3270	3215	3135	3050	2945	2860	2805	2725
200	7920	5010	4320	3900	3780	3660	3600	3540	3450	3360	3240	3150	3090	3000
240	8315	5260	4535	4095	3970	3845	3780	3715	3625	3530	3400	3310	3245	3150
280	9110	5760	4970	4485	4345	4210	4140	4070	3970	3865	3725	3625	3555	3450
320	10230	6470	5580	5040	4885	4730	4650	4575	4455	4340	4185	4070	3990	3875

Cyclic load

Pressure (kPa)	Speed (km/h)													
	0	5	10	15	20	25	30	35	40	45	50	55	60	65
80	4620	3360	3030	2695	2485	2240	2155	2085	2015	1960	1890	1840	1805	1750
120	5915	4300	3875	3450	3180	2865	2755	2665	2575	2510	2420	2350	2305	2240
160	7195	5230	4715	4195	3870	3490	3350	3245	3135	3050	2945	2860	2805	2725
200	7920	5760	5190	4620	4260	3840	3690	3570	3450	3360	3240	3150	3090	3000
240	8315	6050	5450	4850	4475	4030	3875	3750	3625	3530	3400	3310	3245	3150
280	9110	6625	5970	5315	4900	4415	4245	4105	3970	3865	3725	3625	3555	3450
320	10230	7440	6705	5970	5505	4960	4765	4610	4455	4340	4185	4070	3990	3875

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1570 mm	1596 mm
TIRE WIDTH	442 mm	463 mm
PATTERN DEPTH	26 mm	
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	718 mm @ 4375 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4763 mm @ 4375 kg / 320 kPa
DYNAMIC ROLLING RADIUS	758 mm @ 4375 kg / 320 kPa
SPEED RADIUS INDEX	750
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
VOLUME	420 l 100% 315 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
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/