500/70R24 164A8/159D NOKIAN TYRES TRI 2 SB TL

Reliable performance all year round

PRODUCT CODE	T445467
EQUIVALENT SIZE	19.5LR24
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Tractor / Wheel loader
LI / SPEED SYMBOL	164A8 (159D)
RIM RECOMMENDED	DW16L
RIM PERMITTED	DW15L, DW18L
TYPE APPROVAL	E8 106R-001645

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	5440	3440	2965	2680	2595	2515	2470	2430	2370	2305	2225	2165	2120	2060
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	8580	5430	4680	4225	4095	3965	3900	3835	3740	3640	3510	3415	3350	3250
320	9370	5930	5110	4615	4475	4330	4260	4190	4085	3975	3835	3730	3655	3550
360	10560	6680	5760	5200	5040	4880	4800	4720	4600	4480	4320	4200	4120	4000
400	11550	7305	6300	5690	5515	5340	5250	5165	5030	4900	4725	4595	4505	4375

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	5440	3955	3565	3170	2925	2635	2535	2450	2370	2305	2225	2165	2120	2060
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	8580	6240	5625	5005	4615	4160	4000	3870	3740	3640	3510	3415	3350	3250
320	9370	6815	6140	5465	5040	4545	4365	4225	4085	3975	3835	3730	3655	3550
360	10560	7680	6920	6160	5680	5120	4920	4760	4600	4480	4320	4200	4120	4000
400	11550	8400	7570	6740	6215	5600	5380	5205	5030	4900	4725	4595	4505	4375

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	1307 mm	1338 mm
TIRE WIDTH	515 mm	528 mm
PATTERN DEPTH	28 mm	
PATTERN DEPTH ON TIE BAR	24 mm	
MAX. INFLATION PRESSURE	400 kPa	

STATIC LOADED RADIUS	585 mm @ 5000 kg / 400 kPa
DYNAMIC ROLLING CIRCUMFERENCE	3958 mm @ 5000 kg / 400 kPa
DYNAMIC ROLLING RADIUS	630 mm @ 5000 kg / 400 kPa
SPEED RADIUS INDEX	625
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
VOLUME	415 l 100% 311 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
415	110	311	82	255	67	130	287	385	849

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/