

# 18.4B30 159B NOKIAN TYRES TRI TL

Stability and reliable grip for backhoe loaders

PRODUCT CODE	T445330
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Backhoe loader
LI / SPEED SYMBOL	159B
RIM RECOMMENDED	DW16
RIM PERMITTED	DW15, DW15L



## LOAD CAPACITY FOR BACKHOE LOADER, KG

### Constant load

Pressure (kPa)	Speed (km/h)										
	0	5	10	15	20	25	30	35	40	45	50
80	4255	2685	2315	2090	2015	1960	1925	1885	1850	1775	1685
120	5590	3525	3040	2745	2650	2575	2525	2480	2430	2335	2210
160	6670	4205	3625	3275	3160	3075	3015	2960	2900	2785	2640
200	7475	4715	4065	3675	3545	3445	3380	3315	3250	3120	2960
240	8625	5440	4690	4240	4090	3975	3900	3825	3750	3600	3415
320	10925	6890	5940	5370	5180	5035	4940	4845	4750	4560	4325

### Cyclic load

Pressure (kPa)	Speed (km/h)										
	0	5	10	15	20	25	30	35	40	45	50
80	4255	3090	2775	2480	2275	2055	1980	1905	1850	1775	1685
120	5590	4060	3645	3255	2990	2695	2600	2505	2430	2335	2210
160	6670	4845	4350	3885	3565	3220	3105	2985	2900	2785	2640
200	7475	5430	4875	4355	4000	3610	3480	3350	3250	3120	2960
240	8625	6265	5625	5025	4615	4165	4015	3865	3750	3600	3415
320	10925	7935	7125	6365	5845	5275	5085	4895	4750	4560	4325

**TIRE DIMENSIONS**

	New tire	Max. in service
OVERALL DIAMETER	1516 mm	1575 mm
TIRE WIDTH	467 mm	504 mm
PATTERN DEPTH		
MAX. INFLATION PRESSURE	320 kPa	

STATIC LOADED RADIUS	700 mm @ 4375 kg / 320 kPa
DYNAMIC ROLLING CIRCUMFERENCE	4486 mm @ 4375 kg / 320 kPa
DYNAMIC ROLLING RADIUS	714 mm @ 4375 kg / 320 kPa
SPEED RADIUS INDEX	725
TUBE PRODUCT CODE	T55371
TUBELESS VALVE	TR618A
VOLUME	440 l 100% 330 l 75%

**WATER AND SALT BALLASTING**

(CaCl<sub>2</sub>, 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
440	116	330	87	271	72	138	304	409	902

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.

Tyre have 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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)