

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, LB

Constant load

Pressure (psi)	Speed (mph)										
	0	2.5	5	10	12	15	17.5	22.5	25	27.5	30
12	9380	5920	5105	4610	4440	4320	4245	4155	4080	3915	3715
17	12325	7770	6700	6050	5840	5675	5565	5465	5355	5150	4870
23	14705	9270	7990	7220	6965	6780	6645	6525	6395	6140	5820
29	16480	10395	8960	8100	7815	7595	7450	7310	7165	6880	6525
35	19015	11995	10340	9350	9015	8765	8600	8435	8265	7935	7530
46	24085	15190	13095	11840	11420	11100	10890	10680	10470	10055	9535

Cyclic load

Pressure (psi)	Speed (mph)										
	0	2.5	5	10	12	15	17.5	22.5	25	27.5	30
12	9380	6810	6120	5465	5015	4530	4365	4200	4080	3915	3715
17	12325	8950	8035	7175	6590	5940	5730	5525	5355	5150	4870
23	14705	10680	9590	8565	7860	7100	6845	6580	6395	6140	5820
29	16480	11970	10750	9600	8820	7960	7670	7385	7165	6880	6525
35	19015	13810	12400	11080	10175	9180	8850	8520	8265	7935	7530
46	24085	17495	15710	14030	12885	11630	11210	10790	10470	10055	9535

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	59.7 in	62 in
TIRE WIDTH	18.4 in	19.8 in
PATTERN DEPTH		
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	27.6 in @ 9650 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	176.6 in @ 9650 lb / 46 psi
DYNAMIC ROLLING RADIUS	28.1 in @ 9650 lb / 46 psi
SPEED RADIUS INDEX	725
TUBE PRODUCT CODE	T55371
TUBELESS VALVE	TR618A
VOLUME	116 gallons 100% 87 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
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/