

580/65B30 161B TRI TL

Stability and reliable grip for backhoe loaders

PRODUCT CODE	T445293
TIRE CLASSIFICATION CODE	R-4
APPLICATION	Backhoe loader
LI / SPEED SYMBOL	161B (161B)
RIM RECOMMENDED	DW18.00L
RIM PERMITTED	DW16L, DW20B



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	10140	6395	5510	4980	4805	4675	4585	4495	4410	4235	4010
17	13060	8235	7100	6415	6185	6020	5910	5785	5675	5445	5170
23	15600	9835	8475	7660	7385	7185	7055	6910	6780	6505	6175
29	17495	11035	9515	8600	8290	8060	7915	7760	7605	7295	6925
35	20920	13185	11365	10275	9910	9645	9460	9280	9095	8730	8280
46	26115	16470	14200	12830	12380	12035	11805	11585	11355	10900	10330

Cyclic load

Pressure (psi)	Speed (mph)										
	0	2.5	5	10	12	15	17.5	22.5	25	27.5	30
12	10140	7365	6615	5910	5425	4895	4720	4540	4410	4235	4010
17	13060	9480	8520	7605	6980	6305	6075	5840	5675	5445	5170
23	15600	11320	10175	9085	8335	7530	7255	6980	6780	6505	6175
29	17495	12700	11410	10195	9360	8445	8135	7835	7605	7295	6925
35	20920	15190	13645	12190	11190	10095	9735	9370	9095	8730	8280
46	26115	18960	17030	15210	13965	12600	12145	11695	11355	10900	10330

TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	59.7 in	61.7 in
TIRE WIDTH	23.2 in	24.5 in
PATTERN DEPTH		
MAX. INFLATION PRESSURE	46 psi	

STATIC LOADED RADIUS	27.5 in @ 10200 lb / 46 psi
DYNAMIC ROLLING CIRCUMFERENCE	178.3 in @ 10200 lb / 46 psi
DYNAMIC ROLLING RADIUS	28.4 in @ 10200 lb / 46 psi
SPEED RADIUS INDEX	725
TUBELESS VALVE	TR618A
VOLUME	164 gallons 100% 123 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
620	164	465	123	382	101	195	429	577	1272

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/