

580/65B30 161B NOKIAN TYRES TRI TL

Stability and reliable grip for backhoe loaders

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



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 | 4600 | 2900 | 2500 | 2260 | 2180 | 2120 | 2080 | 2040 | 2000 | 1920 | 1820 |
| 120 | 5925 | 3735 | 3220 | 2910 | 2805 | 2730 | 2680 | 2625 | 2575 | 2470 | 2345 |
| 160 | 7075 | 4460 | 3845 | 3475 | 3350 | 3260 | 3200 | 3135 | 3075 | 2950 | 2800 |
| 200 | 7935 | 5005 | 4315 | 3900 | 3760 | 3655 | 3590 | 3520 | 3450 | 3310 | 3140 |
| 240 | 9490 | 5980 | 5155 | 4660 | 4495 | 4375 | 4290 | 4210 | 4125 | 3960 | 3755 |
| 320 | 11845 | 7470 | 6440 | 5820 | 5615 | 5460 | 5355 | 5255 | 5150 | 4945 | 4685 |

Cyclic load

| Pressure (kPa) | Speed (km/h) | | | | | | | | | | |
|----------------|--------------|------|------|------|------|------|------|------|------|------|------|
| | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 80 | 4600 | 3340 | 3000 | 2680 | 2460 | 2220 | 2140 | 2060 | 2000 | 1920 | 1820 |
| 120 | 5925 | 4300 | 3865 | 3450 | 3165 | 2860 | 2755 | 2650 | 2575 | 2470 | 2345 |
| 160 | 7075 | 5135 | 4615 | 4120 | 3780 | 3415 | 3290 | 3165 | 3075 | 2950 | 2800 |
| 200 | 7935 | 5760 | 5175 | 4625 | 4245 | 3830 | 3690 | 3555 | 3450 | 3310 | 3140 |
| 240 | 9490 | 6890 | 6190 | 5530 | 5075 | 4580 | 4415 | 4250 | 4125 | 3960 | 3755 |
| 320 | 11845 | 8600 | 7725 | 6900 | 6335 | 5715 | 5510 | 5305 | 5150 | 4945 | 4685 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER | 1516 mm | 1568 mm |
| TIRE WIDTH | 590 mm | 623 mm |
| PATTERN DEPTH | | |
| MAX. INFLATION PRESSURE | 320 kPa | |

| | |
|-------------------------------|-----------------------------|
| STATIC LOADED RADIUS | 698 mm @ 4625 kg / 320 kPa |
| DYNAMIC ROLLING CIRCUMFERENCE | 4530 mm @ 4625 kg / 320 kPa |
| DYNAMIC ROLLING RADIUS | 721 mm @ 4625 kg / 320 kPa |
| SPEED RADIUS INDEX | 725 |
| TUBELESS VALVE | TR618A |
| VOLUME | 620 l 100% 465 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 |
| 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/