# 400/80R28 151A8/146D NOKIAN TYRES TRI 2 SB TL

**Reliable performance all year round**

| | |
|---|---|
| **PRODUCT CODE** | T445383 |
| **EQUIVALENT SIZE** | 14.9R28 |
| **TIRE CLASSIFICATION CODE** | R-4 |
| **APPLICATION** | Tractor |
| **LI / SPEED SYMBOL** | 151A8 (146D) |
| **RIM RECOMMENDED** | DW13 |
| **RIM PERMITTED** | DW12, DW14L |
| **TYPE APPROVAL** | E8 106R-001624 |

## LOAD CAPACITY FOR TRACTOR, LB

### Constant load

| **Pressure** (psi) | **Speed** (mph) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **0** | **2.5** | **5 LT** | **10** | **12** | **15** | **17.5 5 HT** | **22.5** | **25** | **27.5** | **30** | **35** | **37.5** | **40** |
| 12 | 7915 | 5005 | 4320 | 3900 | 3780 | 3660 | 3595 | 3540 | 3450 | 3360 | 3240 | 3155 | 3085 | 3000 |
| 17 | 10185 | 6450 | 5555 | 5015 | 4860 | 4705 | 4630 | 4555 | 4440 | 4320 | 4165 | 4055 | 3980 | 3860 |
| 23 | 12335 | 7805 | 6735 | 6075 | 5885 | 5700 | 5610 | 5510 | 5380 | 5235 | 5050 | 4905 | 4815 | 4675 |
| 29 | 13735 | 8685 | 7495 | 6770 | 6560 | 6350 | 6240 | 6140 | 5985 | 5830 | 5620 | 5465 | 5355 | 5205 |
| 35 | 14550 | 9205 | 7935 | 7165 | 6945 | 6725 | 6615 | 6505 | 6340 | 6175 | 5950 | 5785 | 5675 | 5510 |
| 41 | 15860 | 10030 | 8655 | 7815 | 7575 | 7330 | 7210 | 7090 | 6910 | 6725 | 6495 | 6305 | 6185 | 6010 |
| 46 | 17900 | 11320 | 9765 | 8820 | 8545 | 8265 | 8135 | 8005 | 7795 | 7595 | 7320 | 7120 | 6980 | 6780 |

## Cyclic load

| Pressure (psi) | Speed (mph) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 2.5 | 5 LT | 10 | 12 | 15 | 17.5 5 HT | 22.5 | 25 | 27.5 | 30 | 35 | 37.5 | 40 |
| 12 | 7915 | 5755 | 5190 | 4620 | 4255 | 3835 | 3695 | 3570 | 3450 | 3360 | 3240 | 3155 | 3085 | 3000 |
| 17 | 10185 | 7410 | 6680 | 5940 | 5480 | 4940 | 4750 | 4595 | 4440 | 4320 | 4165 | 4055 | 3980 | 3860 |
| 23 | 12335 | 8975 | 8090 | 7200 | 6635 | 5985 | 5755 | 5565 | 5380 | 5235 | 5050 | 4905 | 4815 | 4675 |
| 29 | 13735 | 9985 | 9005 | 8015 | 7385 | 6660 | 6405 | 6195 | 5985 | 5830 | 5620 | 5465 | 5355 | 5205 |
| 35 | 14550 | 10580 | 9535 | 8490 | 7825 | 7055 | 6780 | 6560 | 6340 | 6175 | 5950 | 5785 | 5675 | 5510 |
| 41 | 15860 | 11530 | 10395 | 9250 | 8530 | 7695 | 7385 | 7155 | 6910 | 6725 | 6495 | 6305 | 6185 | 6010 |
| 46 | 17900 | 13020 | 11730 | 10440 | 9625 | 8675 | 8335 | 8070 | 7795 | 7595 | 7320 | 7120 | 6980 | 6780 |

## TIRE DIMENSIONS

| | New tire | Max. in service |
|---|---|---|
| OVERALL DIAMETER | 53.2 in | 54.2 in |
| TIRE WIDTH | 15.6 in | 16.7 in |
| PATTERN DEPTH | 34/32 in | |
| PATTERN DEPTH ON TIE BAR | 29/32 in | |
| MAX. INFLATION PRESSURE | 46 psi | |

| | |
|---|---|
| STATIC LOADED RADIUS | 24.4 in @ 7600 lb / 46 psi |
| DYNAMIC ROLLING CIRCUMFERENCE | 160.6 in @ 7600 lb / 46 psi |
| DYNAMIC ROLLING RADIUS | 25.6 in @ 7600 lb / 46 psi |
| SPEED RADIUS INDEX | 650 |
| TUBE VALVE | TR218A |
| TUBELESS VALVE | TR618A |
| BELT MATERIAL | Steel |
| MARKINGS | M+S |
| STUDDABLE | Yes<br>Marked stud positions on tread<br>Number of studs 168 pcs<br>Recommended stud 12-20,12-23,12-24 |
| VOLUME | 78 gallons 100%<br>59 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 |
| 295 | 78 | 221 | 58 | 182 | 48 | 93 | 204 | 275 | 606 |

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/