

17.5R25 176A2/157B NOKIAN TYRES LOADER GRIP L-3 TL

Sturdy grip for wheel loaders and machines

| | |
|--------------------------|----------------------------|
| PRODUCT CODE | T445255 |
| TIRE CLASSIFICATION CODE | L-3 |
| APPLICATION | Wheel loader / Road grader |
| LI / SPEED SYMBOL | 176A2 (157B) |
| PLY RATING | ★ |
| RIM RECOMMENDED | 14.00/15 |
| RIM PERMITTED | 14.00/1.3 DC, 13.00/1.4 DC |



LOAD CAPACITY FOR WHEEL LOADER, KG

| Pressure (kPa) | Speed (km/h) | | | | | | | | | | |
|----------------|--------------|------|------|------|------|------|------|------|------|------|------|
| | 0 | 1 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 |
| 200 | 6185 | 5025 | 4405 | 3865 | 3360 | 3245 | 3090 | 2975 | 2860 | 2705 | 2435 |
| 225 | 6755 | 5490 | 4815 | 4220 | 3675 | 3545 | 3375 | 3250 | 3125 | 2955 | 2660 |
| 250 | 7310 | 5940 | 5210 | 4570 | 3975 | 3840 | 3655 | 3520 | 3380 | 3200 | 2880 |
| 275 | 7850 | 6380 | 5595 | 4905 | 4270 | 4120 | 3925 | 3780 | 3630 | 3435 | 3090 |
| 300 | 8380 | 6810 | 5970 | 5240 | 4555 | 4400 | 4190 | 4035 | 3875 | 3665 | 3300 |
| 325 | 8900 | 7230 | 6340 | 5560 | 4840 | 4670 | 4450 | 4285 | 4115 | 3895 | 3505 |
| 350 | 9410 | 7645 | 6705 | 5880 | 5115 | 4940 | 4705 | 4530 | 4350 | 4115 | 3705 |
| 375 | 9910 | 8050 | 7060 | 6195 | 5390 | 5200 | 4955 | 4770 | 4585 | 4335 | 3900 |
| 400 | 10400 | 8450 | 7410 | 6500 | 5655 | 5460 | 5200 | 5005 | 4810 | 4550 | 4095 |
| 425 | 10885 | 8845 | 7755 | 6800 | 5920 | 5715 | 5440 | 5240 | 5035 | 4760 | 4285 |
| 450 | 11360 | 9230 | 8095 | 7100 | 6175 | 5965 | 5680 | 5465 | 5255 | 4970 | 4475 |

LOAD CAPACITY FOR ROAD GRADER, KG

| Pressure (kPa) | Speed (km/h) | | | | | | | | | |
|-------------------|--------------|------|------|------|------|------|------|------|------|------|
| | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 200 | 3035 | 2980 | 2930 | 2875 | 2820 | 2790 | 2765 | 2710 | 2655 | 2550 |
| 225 | 3315 | 3260 | 3200 | 3140 | 3080 | 3050 | 3020 | 2960 | 2900 | 2785 |
| 250 | 3590 | 3525 | 3460 | 3395 | 3335 | 3300 | 3270 | 3205 | 3140 | 3015 |
| 275 | 3855 | 3785 | 3720 | 3650 | 3580 | 3545 | 3510 | 3440 | 3375 | 3235 |
| 300 | 4115 | 4040 | 3970 | 3895 | 3820 | 3785 | 3750 | 3675 | 3600 | 3455 |
| 325 | 4370 | 4290 | 4215 | 4135 | 4060 | 4020 | 3980 | 3900 | 3825 | 3670 |
| 350 | 4620 | 4540 | 4455 | 4375 | 4290 | 4250 | 4210 | 4125 | 4045 | 3880 |

TIRE DIMENSIONS

| | New tire | Max. in service |
|-------------------------|----------|-----------------|
| OVERALL DIAMETER | 1340 mm | 1405 mm |
| TIRE WIDTH | 450 mm | 494 mm |
| PATTERN DEPTH | 28 mm | |
| MAX. INFLATION PRESSURE | 450 kPa | |

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|-------------------------------|--|
| STATIC LOADED RADIUS | 594 mm @ 7100 kg / 450 kPa |
| DYNAMIC ROLLING CIRCUMFERENCE | 4059 mm @ 7100 kg / 450 kPa |
| DYNAMIC ROLLING RADIUS | 646 mm @ 7100 kg / 450 kPa |
| TUBE PRODUCT CODE | T55867 |
| FLAP PRODUCT CODE | T299551 |
| TUBE VALVE | TRJ1175 |
| TUBELESS VALVE | TR650 |
| BELT MATERIAL | Steel |
| MARKINGS | M+S |
| STUDDABLE | Yes Number of studs 180 pcs Recommended stud 16-19 |
| VOLUME | 330 l 100% 248 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 |
| 330 | 87 | 248 | 65 | 203 | 54 | 104 | 228 | 307 | 677 |

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/