

## 23.1-26 16 160A6/156A8 NOKIAN TYRES LOGGER KING LS-2 SF TL

The ultimate workhorse for the full-tree forestry work

|                          |                            |
|--------------------------|----------------------------|
| PRODUCT CODE             | T445616                    |
| TIRE CLASSIFICATION CODE | LS-2                       |
| APPLICATION              | Skidder and Feller buncher |
| LI / SPEED SYMBOL        | 160A6 (156A8)              |
| PLY RATING               | 16                         |
| RIM RECOMMENDED          | DW20B                      |
| TYPE APPROVAL            | E8 106R-001655             |



### LOAD CAPACITY FOR SKIDDER AND FELLER BUNCHER, LB

#### Log Skidder Drive Wheel for Cable and Grapple Skidders Forestry Service

| Pressure<br>(psi) | Speed (mph) |
|-------------------|-------------|
|                   | 5           |
| 25                | 10030       |
| 30                | 11575       |
| 35                | 12675       |
| 41                | 13890       |

#### Log Skidder Drive wheel (other than on Cable or Grapple skidder) Transport Service

| Pressure<br>(psi) | Speed (mph) |       |      |      |
|-------------------|-------------|-------|------|------|
|                   | 10          | 15    | 17.5 | 25   |
| 20                | 8600        | 7825  | 7165 | 6505 |
| 25                | 9920        | 9040  | 8265 | 7495 |
| 30                | 10915       | 10030 | 9150 | 8155 |
| 35                | 11905       | 10915 | 9920 | 8930 |

## TIRE DIMENSIONS

|                          | New tire | Max. in service |
|--------------------------|----------|-----------------|
| OVERALL DIAMETER         | 63.9 in  | 66.6 in         |
| TIRE WIDTH               | 23.8 in  | 25 in           |
| PATTERN DEPTH            | 68/32 in |                 |
| PATTERN DEPTH ON TIE BAR | 59/32 in |                 |
| MAX. INFLATION PRESSURE  | 41 psi   |                 |

|                               |                                     |
|-------------------------------|-------------------------------------|
| STATIC LOADED RADIUS          | 29.5 in @ 9900 lb / 41 psi          |
| DYNAMIC ROLLING CIRCUMFERENCE | 192.2 in @ 9900 lb / 41 psi         |
| DYNAMIC ROLLING RADIUS        | 30.6 in @ 9900 lb / 41 psi          |
| TUBE PRODUCT CODE             | T55102                              |
| TUBE VALVE                    | TR218A                              |
| TUBELESS VALVE                | TR618A                              |
| BREAKER MATERIAL              | Steel                               |
| VOLUME                        | 169 gallons 100%<br>127 gallons 75% |

## WATER AND SALT BALLASTING

(CaCl<sub>2</sub>, 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  |
| 640              | 169     | 480               | 127     | 394                              | 104     | 201  | 443 | 595                   | 1312 |

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/](http://www.nokiantyres.com/heavy/technical-tire-manual/)