

# 800/50R34 181D ELS SB TL

Light touch for the environment

PRODUCT CODE	T445469
APPLICATION	Trailer / Tractor
LI / SPEED SYMBOL	181D
RIM RECOMMENDED	DW25B
RIM PERMITTED	DW23B, DW24B, DW28B
TYPE APPROVAL	E8 106R-001172



## LOAD CAPACITY FOR TRAILER, LB

### Mixed

Pressure (psi)	Speed (mph)											
	5	10	12	15	17.5	22.5	25	27.5	30	35	37.5	40
12	10815	10395	9910	9490	9070	8655	8170	7750	7265	6845	6425	6010
17	13690	13160	12555	12015	11485	10955	10340	9810	9205	8675	8135	7605
23	16865	16215	15465	14805	14155	13490	12745	12090	11345	10680	10030	9370
29	18850	18120	17285	16545	15820	15080	14240	13515	12675	11940	11210	10470
35	21625	20790	19830	18980	18145	17305	16335	15500	14540	13700	12855	12015
41	24405	23455	22375	21420	20470	19520	18440	17495	16400	15455	14505	13560
46	26590	25550	24370	23335	22300	21275	20085	19060	17870	16845	15805	14770
52	29760	28605	27280	26125	24965	23810	22485	21330	20005	18850	17690	16535
58	32740	31470	30015	28735	27470	26190	24735	23470	22015	20735	19465	18190

## TIRE DIMENSIONS

	New tire	Max. in service
OVERALL DIAMETER	64.5 in	66.8 in
TIRE WIDTH	31.1 in	33 in
PATTERN DEPTH	33/32 in	
MAX. INFLATION PRESSURE	58 psi	

STATIC LOADED RADIUS 29.2 in @ 18200 lb / 58 psi

DYNAMIC ROLLING CIRCUMFERENCE 196.4 in @ 18200 lb / 58 psi

DYNAMIC ROLLING RADIUS 31.3 in @ 18200 lb / 58 psi

SPEED RADIUS INDEX 800

TUBE PRODUCT CODE T55394

TUBE VALVE TR218A

TUBELESS VALVE TR618A

BELT MATERIAL Steel

VOLUME 244 gallons 100%  
183 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
925	244	694	183	569	150	290	640	859	1894

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