

Twin Radial. Value at first sight.



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Tire iBrochure

Twin Radial. Value at first sight.

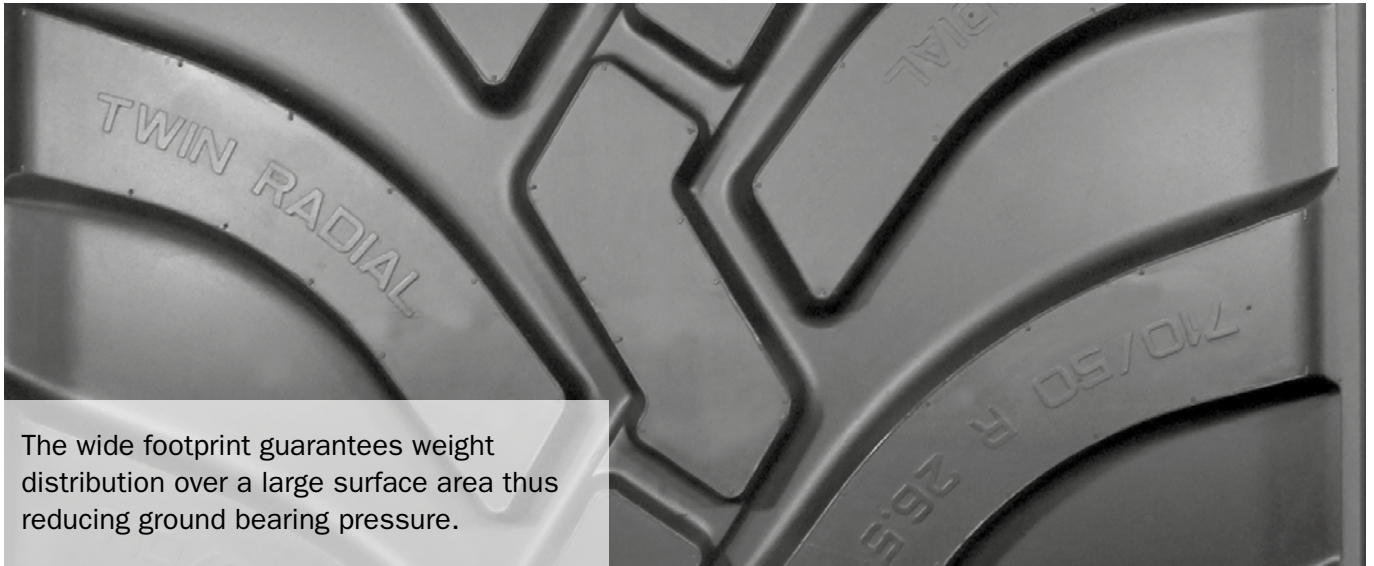
The unique tread design of the Twin Radial line enhances the flotation characteristics of the tyre to minimize compaction of soil and grass areas.

Tests recently done on the product have shown excellent performance in muddy fields as well as outstanding handling on the road, resulting in a longer product lifecycle and higher return on investment.



Printed on
recycled paper

Outstanding ground care



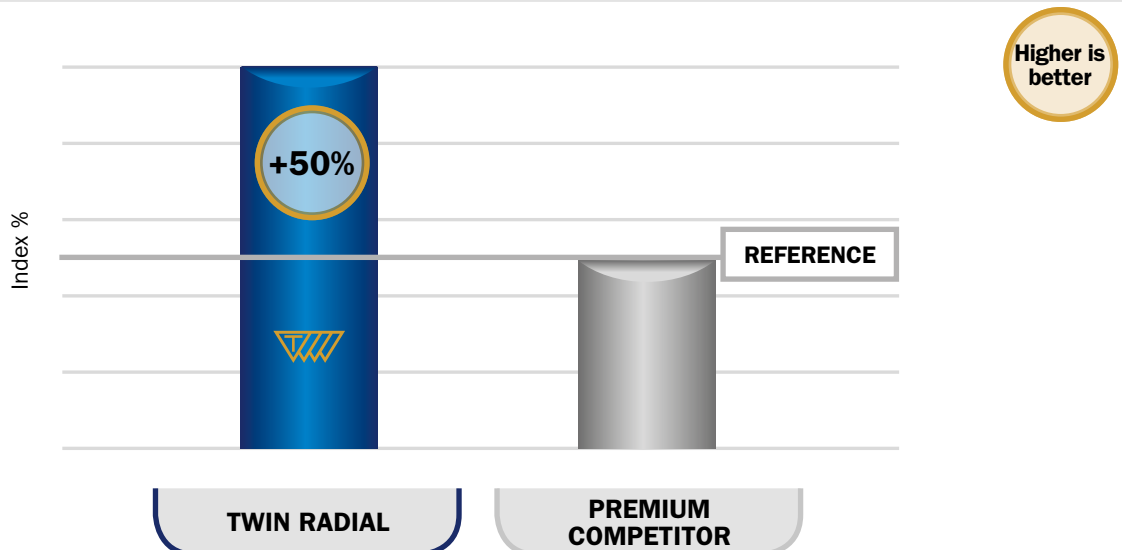
The wide footprint guarantees weight distribution over a large surface area thus reducing ground bearing pressure.

Effective traction

In addition to excellent trailer performance, the Twin Radial tread design assures very good traction.

The angle of the lug allows perfect traction for drive wheel applications whilst delivering minimum resistance when free rolling.

TRACTION IN FIELD
Performance Index - Size: 600/55R26.5 - Slippage 5-20%

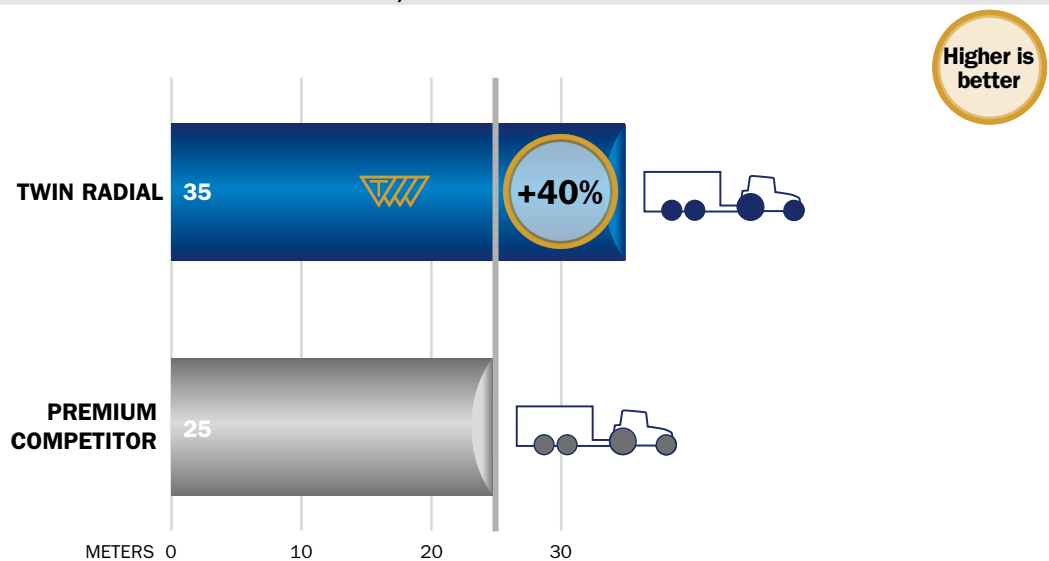


Excellent self-cleaning

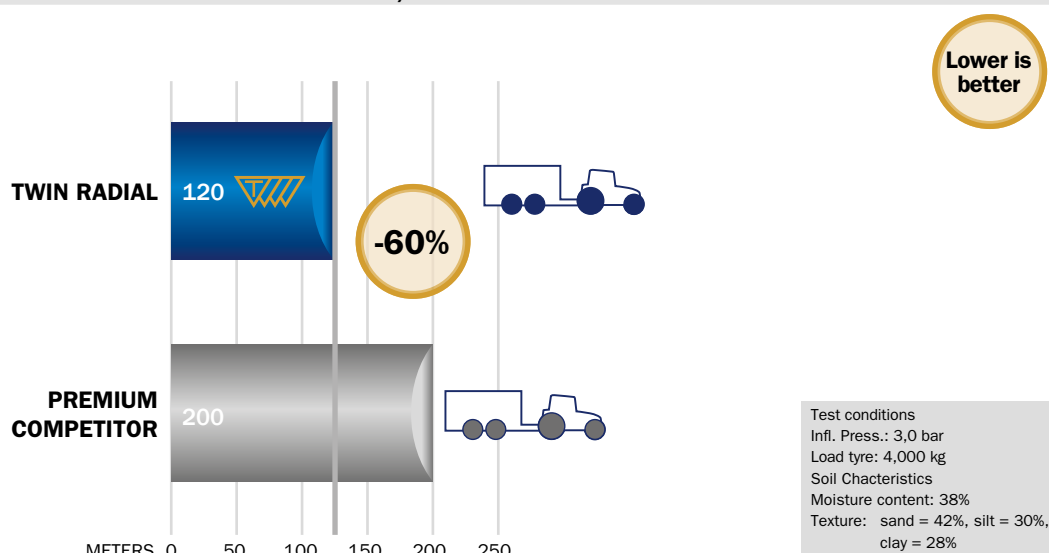
The shape of the lug and the central block give the tyres high self-cleaning properties. In particular, the shoulder profile prevents filling

with mud during field application and becomes clean after a few revolution ensuring safety and compliance with road regulations.

METERS TO FILL-IN COMPLETELY TREAD WITH SOIL Size: 710/50R26.5



METERS TO UNLOAD COMPLETELY THE TREAD (REVERSE MOTION) Size: 710/50R26.5



Test conditions
 Infl. Press.: 3,0 bar
 Load tyre: 4,000 kg
 Soil Characteristics
 Moisture content: 38%
 Texture: sand = 42%, silt = 30%,
 clay = 28%



Great comfort and low noise

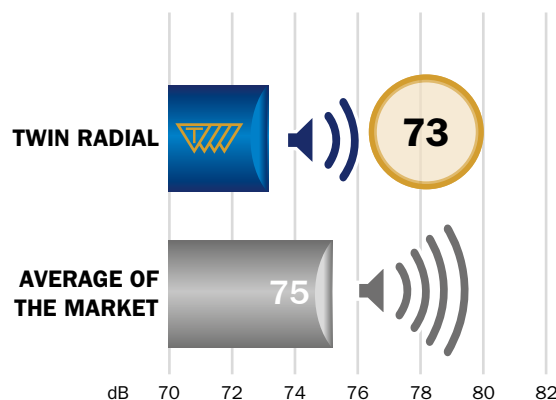
One of the most important roles of the tyre is its performance on the road. Long distances can be covered from field to field with increased loads. Over time high levels of noise can cause health problems to farmers and the movement of agricultural machines, especially in towns or villages, contributes significantly to

noise pollution. Tests were carried out on the 710/50R26.5 for both tyre noise and pass-by noise.

Trelleborg tyres demonstrated a lower noise level than competitors' tyres both at 40 and 50 kilometers per hour, with nominal pressure of 4,0 bars and 4,000 kilogram load per tyre.

TYRE NOISE Size: 710/50R26.5

A difference of 3 dB > Noise doubled!



Test conditions
Distance: 3.0 mt
Load tyre: 4,000 kg
Speed: 40 km/h

Decibel is the unit of measure in which a conventional sound indicates the level of the acoustic phenomenon. The relationship between the loudness of the phenomenon that has generated is exponential, not linear. So it was found that doubling the pressure emitted by a source will have a greater increase than doubling the loudness.

From these considerations, arises a logarithmic type of measurement: the decibel (roughly, a 3-decibel increase in loudness is approximately a doubling of subjective perception of noise).



With Twin Radial tyres the vehicle has exceptional handling performance. The stability and safety reached with Trelleborg tyres permits to work safely at all times.

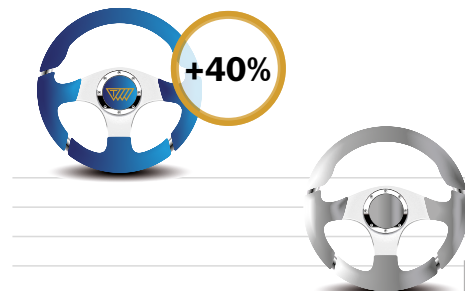
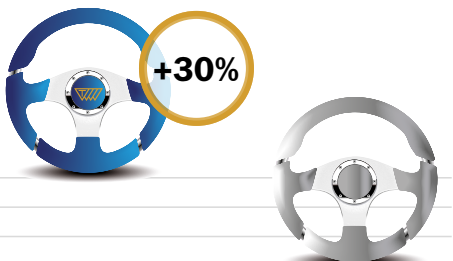
HANDLING PERFORMANCE INDEX
Stability and safety on road in transport service

Higher is better

560/60R22.5 161D

600/55R22.5 165D

Index %



REFERENCE

REFERENCE

TWIN RADIAL

PREMIUM
COMPETITOR

TWIN RADIAL

PREMIUM
COMPETITOR

TWIN RADIAL

SIZE	Tread Pattern	SW mm	OD mm	SLR mm	RC mm	SRI	Rim	Permitted Rims	Type	Tube
500/60R22.5 155D	Twin Radial	520	1192	537	3600	550	AG16.00	15.00 - 16.00 - 17.00	TUBELESS	
560/60R22.5 161D	Twin Radial	552	1240	559	3824	600	AG16.00	16.00 - 17.00	TUBELESS	
580/65R22.5 159D	Twin Radial	583	1300	586	3950	625	AG16.00	16.00 - 17.00 - AG20.00	TUBELESS	
600/50R22.5 159D	Twin Radial	600	1170	530	3550	550	AG20.00		TUBELESS	
600/55R26.5 165D	Twin Radial	636	1341	605	4110	625	AG20.00		TUBELESS	
680/55R26.5 171D	Twin Radial	685	1420	631	4335		AG20.00	AG24.00	TUBELESS	
710/50R26.5 170D	Twin Radial	710	1355	610	4120	650	AG24.00		TUBELESS	
650/65R30.5 176D	Twin Radial	675	1635	735	4975	775	AG20.00		TUBELESS	
750/60R30.5 181D	Twin Radial	790	1678	756	5130	800	AG24.00		TUBELESS	
850/50R30.5 182D	Twin Radial	875	1630	735	4946	775	AG28.00		TUBELESS	
800/60R32 185D	Twin Radial									In preparation



**The combination that secures
the value of your work.**



Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 40 countries around the world.

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