

Trelleborg



TM1 ECO POWER

The unrivaled solution for road and hard soil

In a rapidly evolving agricultural landscape, the need for increased efficiency and enhanced environmental responsibility is more important than ever. The TM1 ECO POWER, featuring unparalleled low rolling resistance, has been engineered to deliver superior performance on both road and hard soil, reducing fuel consumption and minimizing battery usage on electric tractors. This new Trelleborg tire range establishes a new industry standard for sustainable and efficient agriculture.



**ENHANCED ROAD
BEHAVIOUR**



**GREAT
SUSTAINABILITY**



**LOW ENERGY
CONSUMPTION**



**PREMIUM
TRACTION**

65% sustainable materials

The TM1 ECO POWER incorporates 65% bio-based and recycled materials. This innovative product not only meets high environmental standards, it also promotes responsible sourcing and manufacturing practices, reducing your carbon footprint and supporting a more sustainable future. Embracing sustainability has never been more easy and impactful than using this groundbreaking product.

The TM1 ECO POWER is yet another testament to our commitment towards a more sustainable future.

Embracing sustainability with bio-based and recycled materials



**PET 100%
BOTTLE-TO-FIBER**

Textile



**CASHEW
NUT OIL**

Anti-oxidant



BIO-NYLON

Textile



Main tire features

- 1 The tread's central rib enhances on-road performance, giving you unmatched low rolling resistance.



- 2 The unique tread lug design boosts traction on hard surfaces.



- 3 The progressive widening of lugs towards the shoulder, and the distinctive terraces design, increase self-cleaning and traction.



Unparalleled low rolling resistance

The TM1 ECO POWER has proven superior performance both on fuel-powered and electric tractors. Its low rolling resistance on the road helps reduce fuel consumption by requiring less energy to move the tractor, resulting in less environmental impact.

For electric tractors, low rolling resistance is crucial to maximizing battery life and extending operational range.

Premium savings on hard surfaces

Energy consumption is a key component of farming operations expenses. Lower consumption means more cost savings. By choosing efficient tires, you not only save money, but also increase productivity and contribute to a greener and more sustainable future for the agricultural industry.

Rolling resistance - Index *Lower is better*

53



TM1 ECO POWER

100



Premium agri tire

Up to 47%
less resistance
vs premium agri tire
=
reduced fuel and
battery consumption

Test conditions based
on ECE R117
Speed: 19 mph
Tire size: 380/70R24
Load: 4,189 lbs
Pressure: 35 psi

Fuel consumption - Index *Lower is better*

100



TM1 ECO POWER

103



Premium agri tire

-3%
fuel consumption on hard soil
vs premium agri tire
Up to \$527
savings per year

Fuel cost: \$3.61/gal
3,500 working hours per year

Superior comfort

The advanced design and optimized tire structure assures superior operator comfort. A more comfortable driving experience reduces the risk of accidents, leading to safer and more productive operations.

Comfort - Index *Higher is better*

100



TM1 ECO POWER

+12%

vs premium agri tire
=
smoother ride

88



Premium agri tire

High stability

The TM1 ECO POWER features low deflection, meaning reduced sidewall deformation under heavy loads and greater stability on the road. Operators will find better precision control and vehicle handling, together with improved tractor responsiveness.

Deflection *Lower is better*

100

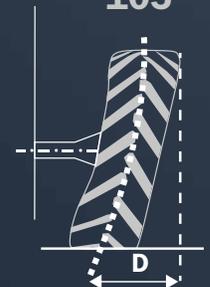


TM1 ECO POWER

-5%

less deflection
vs premium agri tire

105



Premium agri tire

Tire size: 380/70R24
Load: 3,638 lbs
Pressure: 23 psi
D = Displacement

Superior traction on hard soil

The advanced tire design ensures superior traction on hard soil, enhancing stability, tractor control, maneuverability and operator safety. This results in lower slippage compared to premium agri tires.

Tire slippage on hard soil - Index

Lower is better

100



TM1 ECO POWER

26%

less slippage

=

higher tire traction

126



Premium agri tire

Speed: 3 mph
 Pulling Force: 3,263 lbs
 Soil Moisture: 15%
 Ambient temperature: 61°
 Sand: 45%
 Clay: 15%
 Silt: 40%



Size	Tread Pattern	SW inch	OD inch	SLR inch	RC inch	SRI	Rim	Permitted Rims	Type	Tube
280/70R16 112D	TM1 ECO POWER	11	31.7	14.5	94.9	380	W9	W8 - W8L - W10	Tubeless	10,00-16 TR15
380/70R24 130D Design data	TM1 ECO POWER	15.4	46.4	21.2	138.4		W12	W11 - W13 DW11 - DW12 - DW13	Tubeless	14,9-24 TR218



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