

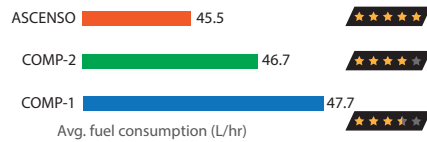
ASCENSO XLR 880 TYRES TESTED AGAINST GLOBAL TYRE BRANDS

Provana Group Innovation conducted a series of tests in Oct-Nov 2022 to compare the performance of Ascenso XLR 880. The results speak for themselves.



Fuel Consumption Test

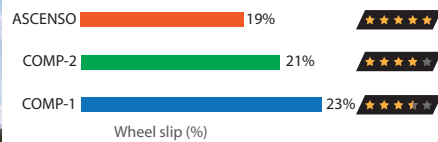
Fuel consumption measured on the field during ploughing operation



Ascenso tyre showing lowest fuel consumption Vs Competitor 1 (4.6% savings) & Competitor 2 (2.6%)

Wheel Slippage Test

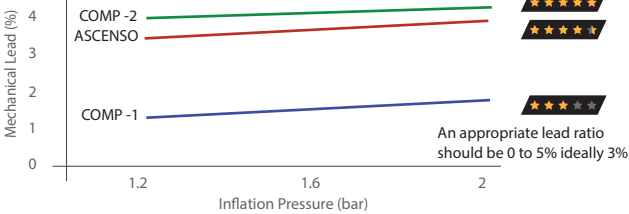
Slippage is measured on the field during ploughing operation



Ascenso tyre showed lowest slippage Vs Comp 1 & Comp 2; offering better traction

Mechanical lead Test

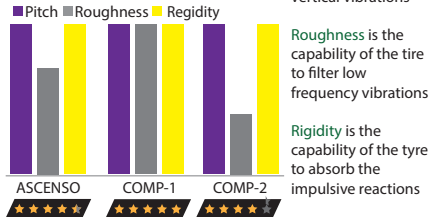
Mechanical lead of all 3 competitors compared at different inflation pressures



The gearboxes of MFWD tractors are designed around a specific size relationship between larger rear tyres and smaller front ones

Comfort Test

Assessment based on Pitch, Roughness & Rigidity



Ascenso & Competitor 1 scores better than Competitor 2

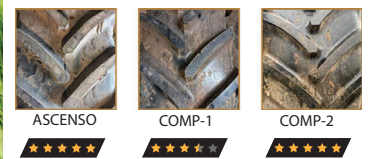
Pitch is the capability of the tyre to damp the motion of the vertical vibrations

Roughness is the capability of the tyre to filter low frequency vibrations

Rigidity is the capability of the tyre to absorb the impulsive reactions

Self Cleaning Test

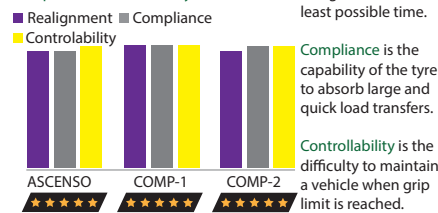
The self cleaning capacity of the tires is checked, in a wetter field



Ascenso self cleaning was found better than Comp 1 and Comp 2. The vertical Ascenso tyre cleats enhanced the self cleaning

Handling Test

Assessment based on Realignment, Compliance, Controllability



All the tested tyres showed good performance for the market.

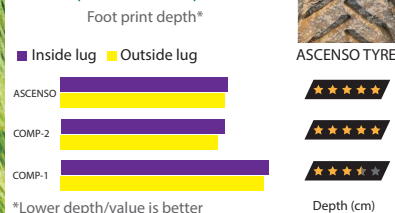
Realignment is the evaluation of the vehicle to return to a straight line in the least possible time.

Compliance is the capability of the tyre to absorb large and quick load transfers.

Controllability is the difficulty to maintain a vehicle when grip limit is reached.

Soil Compaction Test

The soil compaction is measured at in 2 different points of the footprint



*Lower depth/value is better. Maximum depth for Ascenso tyres is comparable to Comp 2 & better than Comp 1, Cone index measured at 200 psi

ASCENSO VDR 900 VF TYRE

Built to handle 40% more load than a conventional radial tyre, or the same load at 40% lower pressure.

VF tyres with stronger lugs with larger Contact Patch gives Excellent traction with self-cleaning characteristics which decreases slippage, delivers lower fuel consumption, and increases overall productivity.

The more radially stiffer tyre makes it possible to transition from field to road and vice versa without adjusting the pressure. At the reduced pressure required for field use, the tyre can also run at full speed on the road yet deliver the same fuel efficiencies as a standard tyre at road pressure.

