

## Alliance 221: Proving its mettle on the Swiss Alps!

**Customer:** Schallenger Leo AG  
**Location:** 6370 Oberdorf, Switzerland  
**Machine used:** Aebi Terratrac 280  
**Application:** Agriculture and Allied  
**Tires in use:** 221 – 425/55R17 137D

Schallenger Leo AG is a company that has a history of over 40 years, into its second generation now. They have diversified operations and services relating to agricultural machines, commercial vehicles service, towing operations and the like. They operate through 3 branches and are known beyond their regions for the high quality services they provide. They are good at their craft and the Customers appreciate their flexibility. As customer focused organization they try to be better continuously.

The size 425/55R17 137D in the Alliance 221 tread design was revised and was successfully tested at Schallenger Leo AG, 6370 Oberdorf, Switzerland.

Based on their feedback Alliance produced new set of tyres, which had an improved carcass when compared to the older tyres.

The tyres were tested on a Aebi Terratrac 280. This test was done to gauge the tyre's performance. Apart from driving impressions, which are subjective, data was collected from acceleration; vibration data etc were gathered from the sensors installed in the machine.

A typical test day would involve a few wheel changes and also many air pressure variations as well as various other parameters.

The test team would, in typical test day get a good feel about the progress of the test. However, they being Swiss, will not jump to any hasty conclusions and will hear the numbers talk

after the rigorous and time consuming process of data analysis.

The evaluation of the recorded data confirmed the subjective driving impressions, which led to the conclusion that no further development of a variant was necessary.

One of the tested set of tyres gave the best values for vibration damping of bumps in the road, driving stability and ride comfort. All was better compared to the old version to the other two trials and the competition.

The testing process was overseen by the workshop manager Urs Niederberger. It was decided that these tires must also be demonstrated to customers who use the machine in difficult conditions, apart from standard testing procedures. The positive feedback was not long in coming: **Unmatched traction with the best self-cleaning!**

The tire Alliance A-221 is offered in Switzerland by the company Profi Pneu AG in Subingen, who is the country importer and distributor the Alliance.



CEO Leo Schallenger (r.) and Workshop Manager Urs Niederberger with the test vehicle (Aebi Terratrac 280), fitted with the new Alliance 221 tyres.



Alliance Tire Group specializes in the development, manufacturing, and marketing of tires for Agriculture, Forestry, Construction, Industrial, Earth Moving and OEM applications, under the Alliance, Galaxy, and Primex Brands.

Backed by nearly 60 years of experience, Alliance Tire Group serves customers in 120 countries and offers a full spectrum of products, from basic entry-level tires to a broad range of superior quality value-added products.

All of the Group's tires are developed and tested at its advanced R&D centers.

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