

Use of 22.5 x 15.00 wheel with 120 offset for 455/40 R 22.5 tyres.

The **22.5 x 15.00** wheel and corresponding low-profile **455/40 R 22.5** tyre are used in particular in **large-capacity semitrailers** also known as megatrailers. These vehicles have an interior height of up to 3000 mm. To meet loading height requirements, 445/45 R 19.5 tyres with 19.5 x 14.00 wheels are generally used nowadays. The 22.5 x 15.00 wheel with 120 offset now offers the opportunity to use axles with the SB 4309 disc brake (brake disc diameter 430).

Tests on this wheel have been completed positively in cooperation with **Gianetti** (Italy) and **Südrad**. The results in conjunction with BPW axles show **sufficient clearance** in the area of the brake calliper and brake cylinder connection. As well as the existing release as part of the brake report for the SB 4309 (TDB 0787), there is now also an "Expert's Opinion No. GU 106.0" that permits usage in conjunction with the SB 3745 (TDB 0562).



Wheel 22.5 x 15.00

Gianetti no.: 1588900 ET 120

Südrad no.: 22270101 ET 120

22270201 ET 119

On the basis of these test results, BPW has released the aforementioned wheels from Gianetti and Südrad for use on 9 t ECOPlus axles with B-hub and SB 4309 or SB 3745. There is currently no release for the corresponding wheels from other manufacturers.

The technical authorisation of the wheels is from Gianetti and Südrad. In addition to the clearance at the brake calliper, it is also necessary to ensure there is adequate clearance (min. 30 mm) from the adjacent suspension components such as trailing arm, air bag, etc.

In contrast to the situation with other axle manufacturers, there is no need for special axles or special adapters with BPW. It is possible to change wheels on existing axles without problems, taking due consideration of clearance values from the adjacent components. Equally, in contrast to the competition, usage is also possible on steered LL series axles.