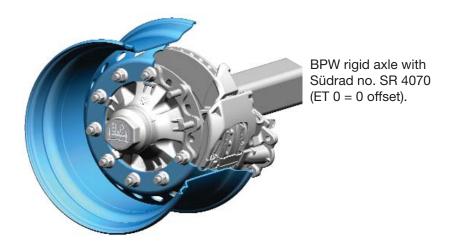
BPW NEWS BPW BERGISCHE ACHSEN



Use of 22.5 x 15.00 wheel with 0 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 largecapacity semitrailers also known as megatrailers (see also BPW NEWS Allg. 05/05 e). 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. However, the 22.5 x 15.00 wheel offers the opportunity to use axles with the SB 4309, SB 4345 disc brakes (brake disc diameter 430) and the SN 4218 or SN 4220 drum brake. Since May 2005, there has also been a 0 offset version of the wheel available for megatrailers in addition to the 120 offset version. Tests by Südrad on the aforementioned wheel have been completed positively, this means the wheel is authorised for series production deliveries.



BPW's own in-house tests produced positive results both for the temperature characteristics and for clearance from brake calipers of the aforementioned brakes. The authorisation of the wheel is included in the brake certificate of the aforementioned brakes.

On the basis of the technical authorisation by Südrad and these test results, BPW has released the wheel with no. SR 4070 for use on 9 t ECOPlus axles with S-hub and SB 3745, SB 4309, SB 4345 and SN 4218 or SN 4220. There is currently no release for the corresponding wheel from other manufacturers.

In addition to the clearance at the brake caliper, 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 individual competitors, there is no need for special axles or special versions with BPW. It is possible to change over existing axles without problems, taking due consideration for clearance values from the adjacent components. Equally, in contrast to the competition, usage is also possible on steered LL series axles.