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Working Party on the Construction of Vehicles

DRAFT SUPPLEMENT 10 TO THE 02 SERIES OF
AMENDMENTS TO REGULATION No. 30

(Pneumatic tyres)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its eleventh session, following the recommendation by the Working Party at its one-hundred-and-seventeenth session. It is based on document TRANS/WP.29/1999/4, as corrected (English and Russian only) (TRANS/WP.29/663, paras. 77 and 117).

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Paragraph 1., delete the last sentence, reading: "This Regulation does not ... 300 km/h."

Insert a new paragraph 2.31.6., to read:

"2.31.6. For speeds in excess of 300 km/h, the maximum load rating must not exceed the mass specified by the tyre manufacturer with reference

to the speed capacity of the tyre. For intermediate speeds between 300 km/h and the maximum speed permitted by the tyre manufacturer, a linear interpolation of the maximum load rating applies."

Insert a new paragraph 3.1.4.1., to read:

"3.1.4.1. Tyres suitable for speeds in excess of 300 km/h must be marked with the service description (load index and speed symbol) corresponding to the tyre performances up to 300 km/h. That service description is to be marked within brackets e.g.: '(95Y)'."

Insert a new paragraph 4.1.15., to read:

"4.1.15. For tyres suitable for speeds in excess of 300 km/h, the maximum speed permitted by the tyre manufacturer and the load carrying capacity allowed for that maximum speed. The tyre manufacturer must also specify these values in the technical literature for the tyre type."

Insert a new paragraph 5.3.1., to read:

"5.3.1. Where type approval is granted for a tyre type suitable for speeds over 300 km/h (see paragraph 4.1.15), the relevant maximum speed (km/h) and the load carrying capacity (kg) allowed for the maximum speed shall be notified in clear in section 10 of the communication form (see annex 1 of this Regulation); load carrying capacities for intermediate speeds higher than 300 km/h may also be specified.

Insert a new paragraph 6.2.1.1., to read:

"6.2.1.1. Where application is made for tyres identified by means of letter code "ZR" within the size designation and suitable for speeds over 300 km/h (see paragraph 4.1.15.), the above load/speed test is carried out on one tyre at the load and speed conditions marked on the tyre (see paragraph 3.1.4.1.). Another load/speed test must be carried out on a second sample of the same tyre type at the load and speed conditions specified as maximum by the tyre manufacturer (see paragraph 4.1.15. of this Regulation).

The second test may be carried out on the same tyre sample if the tyre manufacturer agrees."

Insert a new paragraph 6.2.2.1., to read:

"6.2.2.1. However a tyre marked with speed category symbol 'Y' which, after undergoing the relevant test, does exhibit partial chunking due to the specific test conditions is deemed to have passed the test."

Annex 7, insert new paragraphs 2.6. to 2.6.2.2., to read:

"2.6. However, in case a second test is performed to assess the top performances of a tyre type suitable for speed above 300 km/h, the procedure shall be the following:

2.6.1. Apply to the test axle a load equal to 80% of the maximum load rating associated with the maximum speed specified by the tyre

manufacturer (see paragraph 4.15.1. of this Regulation).

- 2.6.2. The test shall be run without interruptions in accordance with the following:
 - 2.6.2.1. Ten minutes to build up from zero to the maximum speed specified by the tyre manufacturer (see paragraph 4.1.15. of this Regulation).
 - 2.6.2.2. Five minutes at the maximum test speed."
