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PROPOSAL FOR DRAFT AMENDMENT TO REGULATION No. 54

(Pneumatic tyres for commercial vehicles)

Transmitted by the Expert from the European Tyre and
Rim Technical Organization (ETRTO)

Note: The text reproduced below was prepared by the expert from ETRTO in order
to amend the marking of tyres.

Note: This document is distributed to the Experts on Brakes and Running Gear
only.

A. PROPOSAL

Insert new paragraphs 3.1.13 to 3.1.15., to read:

- "3.1.13. The suffix "C" after the conventional number denoting the nominal diameter of the rim as defined in paragraph 2.17.1.3., in case of:
- 3.1.13.1. tyres fitted on 5° drop centre rims, suitable for single and dual fitment, having a load capacity index in single lower or equal to 121 and destined for the equipment of motor vehicles. This marking is optional.
- 3.1.13.2. tyres fitted on 5° drop centre rims, suitable for single fitment only, having a load capacity index higher or equal to 122 and destined for the equipment of motor vehicles. This marking is mandatory.
- 3.1.14. The suffix "CP" after the conventional number denoting the nominal diameter of the rim as defined in paragraph 2.17.1.3., in case of tyres fitted on 5° drop centre rims, having a load capacity index in single lower or equal to 121 and specifically designed for the equipment of motor caravans. This marking is mandatory.
- 3.1.15. The inscription "FRT" (free rolling tyres) in case of tyres specifically designed for the equipment of trailers. This marking is optional."

Annex 7,

Paragraph 2.2.1., amend to read:

- "2.2.1. In the case of tyres with a speed category above P, test procedures are specified in paragraph 3."

Paragraph 3., amend to read:

- "3. Load/speed test programme for tyre with speed category Q and above
- 3.1. This programme applies to:
- 3.1.1. all tyres marked with load capacity index in single 121 or less.
- 3.1.2. tyres marked with load capacity index in single 122 and above and with the additional marking "C", or "LT", included in the tyre size designation after the conventional number denoting the nominal diameter of the rim (as defined in paragraph 2.17.1.3.)."

Paragraphs 3.1. to 3.5. (former), renumber as paragraphs 3.2. to 3.6.

Annex 7, appendix 1, note (2), amend to read:

" ... additional marking "LT", or "C", included in the tyre size designation after the conventional number denoting the nominal diameter of the rim (as defined in paragraph 2.17.1.3.), shall be tested ... "

* * *

B. JUSTIFICATION

The evolution in the segmentation of road vehicles and the need to fit them with specialized tyres brings the necessity for the tyre types to be univocally recognized by their marking.

In addition, the recent request from some vehicle manufacturers to develop "super single tyres" destined for vehicles of new generations to replace, on the driven axle of fast light vehicles, the traditional dual fitment with single fitment brings the necessity to expand those types of tyres, having a load index higher than 121, the possibility of type approval for speed symbols higher than "M".

Moreover, there is the necessity to be more explicit in the application field specified in paragraph 3. of annex 7.
