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Item 4.8.10 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRBP

Proposal for Supplement 17 to the 02 series of amendments to UN Regulation No. 117 (Tyre Rolling Resistance, Rolling Noise and Wet Grip)

Submitted by the Working Party on Noise and Tyres*

The text reproduced below was adopted by the Working Party on Noise and Tyres (GRBP) at its eighty-first session (ECE/TRANS/WP.29/GRBP/79, para. 17). It is based ECE/TRANS/WP.29/GRBP/2025/12 as amended by GRBP-81-08-Rev.1. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their June 2025 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



Paragraph 2.11. and footnote 2, amend to read:

"2.11. "Reinforced tyre" or "extra load tyre" of class C1 means a tyre designed to carry more load at a higher inflation pressure than the load carried by the corresponding standard version tyre at the standard inflation pressure as specified in ISO 4000-1:2024.²

² Class C1 tyres correspond to "passenger car tyres" in ISO 4000-1:2024."

Paragraph 2.13.1., amend to read:

"2.13.1. "Tyre for use in severe snow conditions" means a snow tyre or a special use tyre whose tread pattern, tread compound or construction is specifically designed to be used in severe snow conditions and that fulfils the requirements of paragraphs 6.4. and 6.4.1. of this Regulation."

Paragraph 2.16.1., amend to read:

"2.16.1. "Principal grooves" means the wide tread grooves positioned in the central zone of the tyre tread. The central zone is the area on the tread which comprises of 75 per cent of the width of the tread measured symmetrically from the centre line."

Add a new paragraph 2.16.2., to read:

"2.16.2. "Tread groove" means the space between two adjacent ribs and/or blocks in the tread pattern."

Subparagraph 2.18.(b), amend to read:

"2.18. ...
(b) F2493 – 24 for the size P225/60R16 and referred to as "SRTT16";
..."

Paragraph 6.7., amend to read:

"6.7. In order to be classified as a 'professional off-road tyre', a special use tyre shall fulfil the following additional requirement:

- (a) For classes C1 and C2 tyres the maximum speed category shall be less than or equal to 160 km/h (speed category symbol Q).
- (b) For class C3 tyres the maximum speed category shall be less than or equal to 110 km/h (speed category symbol K)."

Paragraph 12.23., amend to read:

"12.23. As from the 1 September 2028, Contracting Parties applying this Regulation shall not be obliged to accept type approval issued according to Supplement 16 to the 02 series of amendments to this Regulation, first issued after 31 August 2028, if the track characteristics for measuring wet adhesion of tyre in new state are not established using the following reference tyres:

Tyre class	Reference tyres
C2	SRTT16C
C3	SRTT19.5 siped or SRTT22.5 siped

"

Annex 6, subparagraph 2.2. (a), amend to read:

"2.2. ...
(a) For class C1 tyres, the width of the rim shall be as defined in ISO 4000-1:2024,
..."

Annex 6 – Appendix 1, paragraph 2.1., amend to read:

"2.1. Width

For passenger car tyre rims (class C1 tyres), the test rim width shall be the same as the measuring rim determined in ISO 4000-1:2024, clause 6.2.2.

..."

Annex 7 – Appendix 3, Part 1, item 7, amend to read:

"7. Snow grip index SG"

Annex 8,

Paragraph 2.1.3.1., amend to read:

"2.1.3.1. Standard Reference Test Tyre

For the evaluation of the ice performance of class C1 tyres, the Standard Reference Test Tyre SRTT16 shall be used. The reference tyre shall not be older than 30 months starting from the production week and shall be stored in accordance with ASTM F2493 – 24."

Paragraph 2.1.3.2.1., amend to read:

- "2.1.3.2.1. Fit each test tyres on an approved rim pursuant to ISO 4000-1:2024 using conventional mounting methods. Subject to the foregoing, the rim width code shall not differ more than 0.5 from the measuring rim. If a commercialized rim is not available for the test vehicle, it will be acceptable to use a rim whose rim width code differs by 1.0 from the measuring rim width code. Ensure proper bead seating by the use of a suitable lubricant. Excessive use of lubricant should be avoided to prevent slipping of the tyre on the wheel rim."
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