

Snow tyres provisions - status report

Submitted by the group of interested experts from
Germany, BIPAVER, ETRTO, Finland, France, Japan
and Russian Federation

Objective of the considerations

- To develop snow tyre provisions for **all** C1, C2 and C3 tyres (including retreaded tyres) for use on M , N and O vehicle categories, as it is already existing for snow tyres (R117).
- Designation of tyres for use in winter/snow conditions.
- Marking these tyres to reflect on their designation.
- Appropriate qualification criteria for tyres designated for use in winter / snow conditions.

Activities related to this subject since 86th session of GRRF

- Meeting (in person + Webex) of interested experts, July 31st, 2018, at Munich, hosted by Germany (TÜV SÜD); attended by delegations of ETRTO, BIPAVÉR, Finland, Japan and Germany.
- Proposals submitted to the meeting by delegations of ETRTO, Germany , France, Russian Federation and Finland.
- Meeting for review and alignment with Russian Federation, September 12th, 2018 at Geneva.

Objective of the July 31st meeting

GRRF supported the scenario 2 of the options on Regulatory scenarios presented to GRRF by the group during 86th session (GRRF-86-09, February 2018).

The meeting on July 31st had the purpose to prepare snow tyre provisions according to this scenario.

Option 2 for Regulatory scenarios:

- Integrate special use and studded tyres in Regulation No. 117 (“R117”) for snow performance only,
- Extend scope of R117 accordingly.

Draft of new/amended snow tyre provisions

Extended Scope of Regulation No. 117

Uniform provisions concerning the approval of tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance **and/or snow performance.**

Draft of new/amended snow tyre provisions

Amended Definition

“~~Snow~~ Tyre for use in severe snow conditions means a **Snow or Special Use** tyre whose tread pattern, tread compound or structure is specifically designed to be used in severe snow conditions and that fulfils the requirements of paragraph 6.4. of this Regulation”.

Draft of new/amended snow tyre provisions

Amendment in Approval Number

Additional suffix “Snow performance level” to the approval number to identify specific Regulations on tyre performance parameters:

A specific suffix (t.b.d.) to the Type Approval number to identify conformity to the requirements on snow performance will be created for tyres Type approved for snow performance.

Draft of new/amended snow tyre provisions

Amended title of Annex 7

“Procedures for snow performance testing relative to **tyre for use in severe snow conditions”**

To be further investigated:

- Amendment of qualification criteria for special use tyres category (e.g. POR tyres).
- Upgraded definition of tyre for use in severe snow conditions.
- Feasibility of including tires with nominal rim diameter code ≥ 25 into the R 117.
- Transitional provisions.

Next meeting of the group of interested experts

- December 3rd (14:00 – 18:00) and 4th (9:00 – 13:00) ETRTO office (tbc)