

Proposal to introduce an amendment to GRPE working document ECE/TRANS/WP.29/GRPE/2013/8 and to GRPE informal document GRPE-66-10

Proposal

Annex 9B, Paragraph 5.2.2., amend items (d) and (e), to read:

"(d) At elevations above 2,500 meters above sea level, or

(e) Below 400 meters under sea level, or"

Annex 9B, Paragraph 5.2.2., amend new item (f) after item (e), to read:

"(f) With the exception of electrical circuit failures, at ambient temperatures below 251 K (-22 degrees Celsius)."

Justification

1. The intention of the proposal is to permit the manufacturer to request a temporary disablement of OBD monitors at low ambient temperature in the same manner as he may request a temporary disablement at high ambient temperature (above 35°C);
2. On the basis of the study performed by LAT that served to set other ambient limit conditions in the EURO VI Regulation, it has been demonstrated that the frequency of operation below -20C.was not significant (see figure below). However that study was not precise enough to set the exact acceptable value.
3. As the value of -18°C. already exists in the EURO VI Regulation where it is used in the demonstration procedure of SCR heating systems, OICA suggests that this temperature be also considered for disablement.

