

OICA comments on GTR22

EVE-IWG #65

11.-12.10.2023

**Proposal to add following parts to 6.4.2.1.**

6.4.2. Pass/Fail Criteria for the battery durability family

6.4.2.1 Step 1 : against vehicle age and odometer

A battery durability family shall pass if equal to or more than 90 per cent of monitor values read from the vehicle sample are above the  $MPR_i$  or  $DPR_i$ : over only vehicle age and the travelled distance-threshold.

If not the case due to the travelled distance, pass/fail check shall be done according to the paragraph 6.4.2.2. of this GTR.

Justification to add red underlined parts:

- Pass/Fail decision in step 1 should be done based on odometer **and age**
- Pass/Fail decision in step 2 (odometer + virtual mileage) only if step 1 failed due to odometer

## **Proposal to modify to 5.1.**

### **Current GTR text:**

The on-board SOCR and SOCE shall have a resolution of 1 part in 100 and be reported as the nearest whole number from 0 to 100

OICA identified an inconsistencies between SAE J1979 DA and GTR 22

- GTR-22 requires whole number as resolution for onboard SOCE/SOCR
- SAE J1979 DA requires resolution of one decimal in 0.4% steps
- To harmonize resolutions in GTR-22 and SAE J1979 DA, OICA propose to update GTR-22 as follows:

**On-board SOCR and SOCE shall have a resolution of 1 part in 100 and be reported as the number from 0 to 100 rounded to the first place of decimal**