

Proposal for a guideline on market fuel quality to be added to the Consolidated Resolution on the Construction of Vehicles (ECE/TRANS/WP.29/GRPE/2011/14)

The text reproduced below was prepared by the expert from the European Association of Automotive Suppliers (CLEPA) to complete the proposal tabled by the International Organization of Motor Vehicle Manufacturers (OICA) for a guideline on market fuel quality to be added to the Consolidated Resolution on the Construction of Vehicles (R.E.3). This document aims amending ECE/TRANS/WP.29/GRPE/2011/14, Appendix 2 on Property on diesel.

Proposal:

Appendix 2, Property of diesel

Paragraphs 7. and 7.1., amend to read (inserting a new paragraph 7.2.):

"7. FAME

7.1. Fatty Acid Methyl Esters (FAME), frequently termed biodiesel, increasingly are being used to extend or replace fossil diesel fuel. The use of biodiesel is driven largely by efforts to reduce dependency on petroleum-based products, to enhance use of agricultural products as fuels and to facilitate Greenhouse Gas (CO₂) reduction ambitions for the transport sector.

7.2. There are other biomass-based fuels available such as Hydrotreated Vegetable Oil (HVO) and Biomass to Liquid (BTL) that are fully fungible with existing fossil diesel. These advanced biofuels show better performance in terms of Cetane, cold flow properties and contaminants (sulphur, ash) and material compatibility."

Paragraphs 7.2. to 7.11. (former), renumber as paragraph 7.3. to 7.12.

Justifications:

The key concern is that Industry is trying to accommodate to inferior biofuels which may compromise the performance (both environmental and technical) of existing ICEs (Internal Combustion Engines). Moreover, it diverts development resources from further performance enhancement toward accommodation.
