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To:	General Secretariat of the Council
No. Cion doc.:	D082551/02
Subject:	COMMISSION REGULATION (EU) .../... of XXX amending Regulation (EU) No 582/2011 as regards the emissions type-approval of heavy duty vehicles using pure biodiesel

Delegations will find attached document D082551/02.

Encl.: D082551/02



Brussels, **XXX**
D082551/02
[...] (2022) **XXX** draft

COMMISSION REGULATION (EU) .../...

of **XXX**

**amending Regulation (EU) No 582/2011 as regards the emissions type-approval of heavy
duty vehicles using pure biodiesel**

(Text with EEA relevance)

COMMISSION REGULATION (EU) .../...

of **XXX**

amending Regulation (EU) No 582/2011 as regards the emissions type-approval of heavy duty vehicles using pure biodiesel

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 595/2009 of the European Parliament and of the Council of 18 June 2009 on type-approval of motor vehicles and engines with respect to emissions from heavy duty vehicles (Euro VI) and on access to vehicle repair and maintenance information and amending Regulation (EC) No 715/2007 and Directive 2007/46/EC and repealing Directives 80/1269/EEC, 2005/55/EC and 2005/78/EC¹, and in particular Articles 4(3) and 5(4) and Article 12 thereof,

Whereas:

- (1) Vehicles type-approved in the EU need to be able to run on pure biodiesel and on different blends of biodiesel and fossil fuels in case of need.
- (2) In accordance with Article 3 of Commission Regulation (EU) No 582/2011², type-approval of motor vehicles and engines with regard to emissions requires that the manufacturer ensures compliance with the specifications of reference fuels set out in Annex IX to that Regulation used for type-approval testing.
- (3) Pure biodiesel (FAME B100) is not listed in Annex IX to Regulation (EU) No 582/2011 as a reference fuel for the emission type-approval of heavy duty vehicles. Type-approval testing needs to be duplicated on both diesel (B7) as well as pure biodiesel (B100) in order to demonstrate compliance with emissions requirements. To minimise duplication of testing and to facilitate the certification for the use of pure biodiesel and biodiesel blends (such as FAME B20/B30), it is necessary to introduce the specifications for pure biodiesel as a reference fuel, based on relevant international and European standards. Demonstrating compliance with the emission testing requirements for a B100 type-approval should be allowed by emission testing of the parent engine on pure biodiesel. While for the necessary in-service conformity testing any biofuel blend may be chosen.
- (4) For the approval of vehicles with an approved engine an addendum for the specifications of the type-approval certificate is necessary.
- (5) Commission Regulation (EU) No 582/2011 should therefore be amended accordingly.

¹ OJ L 188, 18.7.2009, p. 1.

² Commission Regulation (EU) No 582/2011 of 25 May 2011 implementing and amending Regulation (EC) No 595/2009 of the European Parliament and of the Council with respect to emissions from heavy duty vehicles (Euro VI) and amending Annexes I and III to Directive 2007/46/EC of the European Parliament and of the Council (OJ L 167 25.6.2011, p. 1)

(6) The measures provided for in this Regulation are in accordance with the opinion of the Technical Committee – Motor Vehicles.

HAS ADOPTED THIS REGULATION:

Article 1

Annexes I, II and IX to Regulation (EU) 582/2011 are amended in accordance with the Annex to this Regulation.

Article 2

This Regulation shall enter into force on the third day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels,

For the Commission
The President
Ursula von der Leyen