ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)  
(One-hundred-and-twenty-seventh session,  
25-28 June 2002, agenda item 4.2.16.)

PROPOSAL FOR DRAFT SUPPLEMENT 1 TO THE 01 SERIES OF  
AMENDMENTS TO REGULATION No. 96  
(Emissions of agricultural and forestry tractors)

Transmitted by the Working Party on Pollution and Energy (GRPE)

Note: The text reproduced below was adopted by GRPE at its forty-third session, and is transmitted for consideration to WP.29 and AC.1. It is based on documents TRANS/WP.29/GRPE/2001/9 (para. 2.13. only), TRANS/WP.29/GRPE/2001/9/Add.1 and a document distributed during the session without a symbol (informal document No. 19), as amended (TRANS/WP.29/GRPE/43, paras. 37-39).

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Insert new paragraph 2.13., to read:

"2.13. "Placing on the market" means the action of making available a product covered by this Regulation on the market of a country applying this Regulation, for payment or free of charge, with a view to distribution and/or use in the country;"


Annex 1B,

Paragraph 1.7., amend to read:

"1.7. Fuel system:

  pump - line - injector
  rotary pump
  in-line pump
  single element
  unit injector"

Paragraph 1.9., insert missing paragraph number, to read:

"1.9. exhaust after-treatment

  oxidation catalyst
  reduction catalyst
  thermal reactor
  particulates trap"

Paragraph 3., should be deleted.
Annex 1B - Appendix A

ESSENTIAL CHARACTERISTICS OF THE ENGINE FAMILY

1. COMMON PARAMETERS 1/

1.1. Combustion cycle:

1.2. Cooling medium:

1.3. Method of air aspiration:

1.4. Combustion chamber type/design:

1.5. Valve and porting 3/4 configuration, size and number:

1.6. Fuel system:

1.7. Engine management systems

Proof of identity pursuant to drawing number(s):

1.7.1. charge cooling system:

1.7.2. exhaust gas recirculation 2/:

1.7.3. water injection/emulsion 2/:

1.7.4. air injection 2/:

1.8. Exhaust after-treatment system 2/:

Proof of identical (or lowest for the parent engine) ratio: system capacity/fuel delivery per stroke, pursuant to diagram number(s):

2. ENGINE FAMILY LISTING

2.1. Engine family name:
2.2. Specification of engines within this family:

<table>
<thead>
<tr>
<th>Engine Type</th>
<th>No. of cylinders</th>
<th>Rated Speed</th>
<th>Rated Net Power (kW)</th>
<th>Maximum Torque Speed</th>
<th>Maximum Torque</th>
<th>Low Idle Speed</th>
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PARENT ENGINE (FOR FULL DETAILS SEE ANNEX 1A)

<table>
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<tr>
<th>Engine Type</th>
<th>No. of cylinders</th>
<th>Rated Speed</th>
<th>Rated Net Power (kW)</th>
<th>Maximum Torque Speed</th>
<th>Maximum Torque</th>
<th>Low Idle Speed</th>
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2.3. In addition, for each engine type within the family, the information required in Annex 1B - Appendix B shall be submitted to the approval authority.

1/ Strike out what does not apply.

2/ Specify the tolerance.

Annex 1B - Appendix, amend the title to read:

"Annex 1B - Appendix B"