

Submitted by EUROMOT

Informal document **GRPE-74-14**
74th GRPE, 9 - 13 January 2017,
agenda item 6(a)

Update of Regulation 132 for EU Stage V

Background

- Regulation 132 sets out *'Uniform provisions concerning the approval of Retrofit Emission Control devices (REC) for heavy duty vehicles, agricultural and forestry tractors and non-road mobile machinery equipped with compression ignition engines'*
- In respect to category T vehicles and non-road mobile machinery Regulation 132 includes provisions for REC to be installed on engines having a net power higher than 18 kW but not more than 560 kW
- The equivalence matrix covers type approval of REC to be fitted to a baseline engine up to Regulation 96 category P (i.e. Stage IIIB) to achieve a PM and/or NOx emission level up to Regulation 96 category R (i.e. Stage IV)
- At the time Regulation 132 was developed the European Union Stage V requirements were not yet decided but these are now published and an update to Regulation 96 has commenced

Recommendation

- In order to extend in a timely manner the provisions of Regulation 132 to include Stage V EUROMOT recommends that Regulation 132 is updated in parallel with Regulation 96
- EUROMOT further recommends that, recognising the similar stringency of Heavy Duty Euro VI and non-road Stage V, the update to Regulation 132 includes a specific Annex that sets out all the necessary additional requirements for Stage V, in a similar manner to the existing Annex 12 for emission levels equivalent to the 06 series of amendments of Regulation 49.
- Normally one or more contracting party(ies) sponsor such amendment action. EUROMOT is available to offer technical and drafting support for this activity