## ROAD TRAFFIC

# The Motor Vehicles (Type Approval of Reduced Pollution Adaptations) Regulations 1998 

Made - - - - 9th December 1998<br>Laid before Parliament<br>10th December 1998<br>Coming into force - - 1st January 1999

The Secretary of State for the Environment, Transport and the Regions, in exercise of the powers conferred by sections 54(1) and 61 of the Road Traffic Act 1988(1) and of all other powers enabling him in that behalf, and after consultation with representative organisations in accordance with section 195(2) of that Act, hereby makes the following Regulations:-

## Citation and commencement

1. These Regulations may be cited as the Motor Vehicles (Type Approval of Reduced Pollution Adaptations) Regulations 1998 and shall come into force on 1st January 1999.

## Interpretation

2. In these Regulations-
"reduced pollution device" means a device fitted to the engine of a motor vehicle for the purpose of adapting it so that it meets the reduced pollution requirements;
"the reduced pollution requirements" means the requirements prescribed by regulation 5 of the Vehicle Excise Duty (Reduced Pollution) Regulations 1998(2).

## Prescribed requirements

3.-(1) The requirements specified in paragraphs (2) and (3) below are hereby prescribed as type approval requirements for reduced pollution devices.
(2) In relation to a vehicle which at the time it was first used was required to meet, or did meet, the requirements as to the rate and content of its particulate emissions specified in an instrument referred to in column (2) of an item in the table below, the prescribed requirements are that the vehicle is so adapted that, when it is tested in accordance with the requirements specified by paragraph (4), the

[^0]rate and content of its particulate emissions do not exceed the number of grams per kilowatt-hour specified in column (3) of the item.

## TABLE

| (1) | (2) | (3) |
| :--- | :--- | :--- |
| Item | Instrument setting standard to <br> which vehicle was first used | Rate and content of <br> particulate emissions after <br> adaptation (grams per <br> kilowatt-hour) |
| 1 | Directive 88/77/EEC(3) | 0.16 |
| 2 | Directive 91/542/EEC(4) <br> (limits A) | 0.16 |
| 3 | Directive 91/542 (limits B) <br> 4 | European Commission <br> Proposal (COM (97) 627) <br> for a European and Council <br> Directive amending Council <br> Directive 88/77(5) |

(3) A reduced pollution device must be legibly and indelibly marked with a unique marking in such a way as to identify its type.
(4) The requirements in accordance with which a vehicle is to be tested for the purposes of paragraph (2) are the requirements of the Schedule to these Regulations.

## Application of the Motor Vehicles (Type Approval for Goods Vehicles) Regulations 1982

4.-(1) Regulations 7, 13, 14(1) and (3) and 15 to 18 of the Motor Vehicles (Type Approval for Goods Vehicles) Regulations 1982(6) ("the 1982 Regulations") apply in relation to the type approval of reduced pollution devices as they apply in relation to the type approval of vehicle parts under those Regulations, but subject to the modifications specified in paragraphs (2) to (4) of this regulation.
(2) In regulation 15 of the 1982 Regulations, paragraph (1) shall have effect as if there were omitted-
(a) the words "or Minister's Approval Certificate"; and
(b) sub-paragraph (b).
(3) The form of information document for a vehicle part in Part II of Schedule 2 to the 1982 Regulations shall have effect as if, for the paragraph headed "Detailed specification" there were substituted-
"Detailed specification
The above information should be supplemented by-
(i) the data relevant to the vehicle part or characteristic as listed in the information document specified in the Appendix to Council Directive 88/77/EEC on the approximation of the laws of the Member States relating to the measures to be taken against the emission of gaseous and

[^1]particulate pollutants from diesel engines for use in vehicles as amended by Council Directive 91/542/EEC;
(ii) any additional technical data reasonably required to enable the Secretary of State to assess the performance of the vehicle part or characteristic in question."
(4) Part II of Schedule 3 to the 1982 Regulations (form of type approval certificate for a vehicle part) shall have effect as if for the words "the Motor Vehicles (Type Approval for Goods Vehicles) (Great Britain) Regulations 1982" there were substituted "the Motor Vehicles (Type Approval of Reduced Pollution Adaptations) Regulations 1998".

Signed by authority of the Secretary of State

Larry Whitty
Parliamentary Under Secretary of State,

9th December 1998
Department of the Environment, Transport and
the Regions

## THE SCHEDULE

## TEST REQUIREMENTS FOR THE PURPOSES OF REGULATION 3(2)

1. The components of the device liable to affect the emission of pollutants shall be designed, constructed and assembled so as to enable the vehicle, when in use and despite any vibration to which it may be subject, to comply with the provisions of this Schedule.
2. The fitting of the device shall not produce an increase in the level of carbon monoxide, hydrocarbons or oxides of nitrogen emitted by the engine of the vehicle.

## 3. EITHER

The design, construction and equipment requirements in paragraphs $6,6.1$ and 6.2 , as related to ETC particulates, of proposed Council Directive $\operatorname{COM}(97) 627$ shall be complied with.

OR
The design, construction and equipment requirements in paragraphs 6, 6.1 and 6.2 , as related to ETC particulates, of proposed Council Directive COM(97)627 shall, subject to the modifications of Annex III shown in the Table below, be complied with.

## TABLE

| Paragraph | Annex III | Modification |  |
| :---: | :---: | :---: | :---: |
| 1.2 |  | The test shall be carried out with the engine installed in a vehicle connected to a chassis dynamometer |  |
| 1.3.3 |  | For references to "engine dynamometer" there shall be substituted "chassis dynamometer" |  |
| 2.4 |  | The exhaust system shall be used as normally fitted to the vehicle with the device in place |  |
| 2.7 |  | In addition, the fuel may be one widely available on the UK market and acceptable to the Secretary of State |  |
| Appendix 3 |  | For the Dynamometer Schedule there shall be substituted the Dynamometer Schedule and graphical display shown in the Appendix to this Schedule |  |
| Time | Vehicle speed | Related engine speed | Related engine torque |
| $s$ | km/h | \% | \% |
| 1 | 0.4 | 28.2 | 2.1 |
| 2 | 0.4 | 27.8 | 0.9 |
| 3 | 0.4 | 28.4 | 1.3 |
| 4 | 0.4 | 28.3 | 1.2 |
| 5 | 0.4 | 28.4 | 1.3 |
| 6 | 0.4 | 28.8 | 0.8 |
| 7 | 0.4 | 28.8 | 1.7 |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time $s$ | Vehicle speed $\mathrm{km} / \mathrm{h}$ | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 41 | 31.1 | 49.4 | -2.1 |
| 42 | 29.8 | 47.6 | -1.8 |
| 43 | 27.6 | 43.1 | -0.4 |
| 44 | 24.6 | 38.6 | 0.6 |
| 45 | 20.7 | 33.1 | 0.4 |
| 46 | 16.2 | 30.2 | 1.0 |
| 47 | 11.3 | 30.1 | 0.9 |
| 48 | 6.9 | 30.2 | 0.1 |
| 49 | 3.5 | 29.8 | -0.2 |
| 50 | 1.5 | 29.3 | 0.3 |
| 51 | 0.7 | 29.8 | 0.7 |
| 52 | 0.5 | 29.3 | 1.2 |
| 53 | 0.4 | 28.8 | 0.8 |
| 54 | 0.4 | 29.8 | -0.2 |
| 55 | 0.4 | 29.3 | 0.2 |
| 56 | 0.4 | 28.8 | -1.1 |
| 57 | 0.3 | 29.3 | 0.2 |
| 58 | 0.3 | 29.3 | 0.2 |
| 59 | 0.3 | 29.2 | 0.2 |
| 60 | 0.3 | 28.9 | 0.8 |
| 61 | 0.5 | 29.3 | -0.7 |
| 62 | 1.0 | 46.8 | 11.1 |
| 63 | 2.0 | 48.9 | 20.9 |
| 64 | 4.0 | 51.4 | 73.9 |
| 65 | 6.8 | 31.4 | 82.3 |
| 66 | 9.9 | 53.2 | 80.4 |
| 67 | 13.0 | 74.3 | 86.0 |
| 68 | 15.6 | 70.0 | -11.6 |
| 69 | 17.6 | 64.5 | 83.4 |
| 70 | 19.5 | 76.0 | 99.1 |
| 71 | 21.2 | 86.7 | 99.6 |
| 72 | 22.3 | 91.9 | 73.4 |
| 73 | 22.6 | 66.1 | -11.0 |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 107 | 1.1 | 28.8 | 0.7 |
| 108 | 1.7 | 36.8 | 14.8 |
| 109 | 2.7 | 27.8 | 0.8 |
| 110 | 4.4 | 47.9 | 74.8 |
| 111 | 7.0 | 40.7 | 76.9 |
| 112 | 10.1 | 54.3 | 78.0 |
| 113 | 13.2 | 71.2 | 86.0 |
| 114 | 15.8 | 86.3 | 17.9 |
| 115 | 17.9 | 64.1 | -5.9 |
| 116 | 19.5 | 75.4 | 86.0 |
| 117 | 20.8 | 84.7 | 72.2 |
| 118 | 21.7 | 74.9 | -12.4 |
| 119 | 22.5 | 60.2 | -6.2 |
| 120 | 23.4 | 65.3 | 83.4 |
| 121 | 24.7 | 70.1 | 97.0 |
| 122 | 26.2 | 78.1 | 99.3 |
| 123 | 27.4 | 80.0 | 20.8 |
| 124 | 27.8 | 80.1 | -10.5 |
| 125 | 27.4 | 75.2 | -12.4 |
| 126 | 26.6 | 74.3 | -12.2 |
| 127 | 25.5 | 71.2 | -11.7 |
| 128 | 24.1 | 66.3 | -11.0 |
| 129 | 22.6 | 61.3 | -9.9 |
| 130 | 21.0 | 56.2 | -7.4 |
| 131 | 19.3 | 51.7 | -3.3 |
| 132 | 17.8 | 47.8 | -1.7 |
| 133 | 16.5 | 44.0 | -0.9 |
| 134 | 15.5 | 42.1 | 0.4 |
| 135 | 14.5 | 53.3 | 14.0 |
| 136 | 13.3 | 40.3 | 48.6 |
| 137 | 11.6 | 24.9 | 11.2 |
| 138 | 9.7 | 29.4 | 2.1 |
| 139 | 8.4 | 50.0 | 19.3 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 140 | 8.4 | 49.9 | 73.9 |
| 141 | 9.5 | 67.4 | 74.4 |
| 142 | 10.9 | 83.7 | 55.6 |
| 143 | 12.3 | 70.1 | -11.6 |
| 144 | 13.5 | 60.7 | 82.1 |
| 145 | 15.0 | 77.7 | 98.1 |
| 146 | 16.5 | 89.8 | 67.2 |
| 147 | 17.9 | 71.6 | -11.8 |
| 148 | 19.2 | 71.0 | 98.0 |
| 149 | 20.5 | 80.5 | 99.6 |
| 150 | 21.6 | 85.7 | 45.0 |
| 151 | 22.4 | 60.2 | -9.5 |
| 152 | 23.1 | 58.2 | 84.4 |
| 153 | 24.3 | 68.7 | 98.2 |
| 154 | 25.9 | 75.5 | 99.1 |
| 155 | 27.6 | 81.7 | 84.7 |
| 156 | 29.2 | 67.4 | -5.0 |
| 157 | 30.6 | 62.8 | 89.7 |
| 158 | 32.1 | 67.5 | 99.5 |
| 159 | 33.8 | 73.3 | 96.8 |
| 160 | 35.5 | 73.1 | -2.5 |
| 161 | 36.9 | 61.5 | 54.2 |
| 162 | 38.3 | 60.2 | 83.2 |
| 163 | 39.4 | 63.0 | 13.3 |
| 164 | 40.3 | 65.0 | -8.5 |
| 165 | 40.8 | 64.3 | -10.8 |
| 166 | 41.0 | 63.7 | -10.7 |
| 167 | 41.1 | 63.8 | -10.7 |
| 168 | 41.2 | 64.2 | -10.8 |
| 169 | 41.1 | 65.4 | -10.9 |
| 170 | 41.1 | 64.1 | -10.7 |
| 171 | 41.1 | 63.2 | -10.6 |
| 172 | 41.4 | 64.5 | 72.5 |


| Time $s$ | Vehicle speed $\mathrm{km} / \mathrm{h}$ | Related engine speed $\%$ | Related engine torque $\%$ |
| :---: | :---: | :---: | :---: |
| 173 | 41.9 | 65.1 | 84.5 |
| 174 | 42.5 | 67.6 | 64.8 |
| 175 | 42.9 | 69.0 | 76.5 |
| 176 | 42.5 | 70.0 | -11.6 |
| 177 | 41.0 | 66.8 | -11.1 |
| 178 | 38.4 | 57.7 | -8.1 |
| 179 | 35.1 | 52.0 | -3.4 |
| 180 | 31.7 | 47.3 | -2.3 |
| 181 | 27.9 | 43.4 | -0.7 |
| 182 | 23.8 | 35.6 | 0.7 |
| 183 | 19.3 | 30.3 | 0.2 |
| 184 | 14.9 | 28.2 | 1.2 |
| 185 | 11.2 | 28.4 | 1.4 |
| 186 | 8.1 | 27.8 | -0.1 |
| 187 | 5.7 | 27.9 | 0.0 |
| 188 | 3.8 | 28.3 | 0.3 |
| 189 | 2.3 | 28.9 | 1.7 |
| 190 | 1.3 | 28.8 | 0.7 |
| 191 | 0.7 | 28.8 | 1.7 |
| 192 | 0.5 | 27.8 | 0.9 |
| 193 | 0.4 | 28.3 | 1.2 |
| 194 | 0.3 | 28.8 | 1.6 |
| 195 | 0.4 | 26.8 | 2.0 |
| 196 | 0.4 | 27.9 | 1.9 |
| 197 | 0.4 | 27.9 | 0.0 |
| 198 | 0.4 | 28.8 | 1.7 |
| 199 | 0.4 | 28.4 | 1.4 |
| 200 | 0.4 | 26.4 | 1.7 |
| 201 | 0.4 | 28.8 | 1.6 |
| 202 | 0.4 | 27.9 | 0.9 |
| 203 | 0.5 | 28.4 | 0.4 |
| 204 | 0.4 | 28.8 | 1.6 |
| 205 | 0.4 | 27.8 | 0.9 |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

| Time $s$ | Vehicle speed <br> km/h | Related engine speed \% | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 206 | 0.4 | 28.4 | 0.4 |
| 207 | 0.4 | 28.9 | 0.8 |
| 208 | 0.4 | 28.8 | -0.2 |
| 209 | 0.4 | 28.9 | 1.7 |
| 210 | 0.4 | 28.8 | 2.6 |
| 211 | 0.4 | 28.8 | 0.8 |
| 212 | 0.4 | 28.3 | 1.2 |
| 213 | 0.4 | 28.3 | 1.2 |
| 214 | 0.4 | 28.3 | 1.3 |
| 215 | 0.4 | 29.3 | 1.2 |
| 216 | 0.4 | 29.4 | 2.1 |
| 217 | 0.4 | 28.9 | -0.1 |
| 218 | 0.4 | 28.8 | 0.7 |
| 219 | 0.4 | 28.7 | 1.6 |
| 220 | 0.4 | 28.8 | 1.6 |
| 221 | 0.4 | 28.8 | 1.6 |
| 222 | 0.4 | 29.2 | 2.0 |
| 223 | 0.5 | 29.3 | 0.3 |
| 224 | 1.0 | 28.9 | 0.8 |
| 225 | 2.1 | 43.6 | 62.7 |
| 226 | 4.0 | 50.5 | 75.1 |
| 227 | 6.8 | 32.8 | 82.7 |
| 228 | 9.9 | 53.3 | 80.3 |
| 229 | 13.0 | 71.3 | 87.0 |
| 230 | 15.7 | 88.8 | 86.2 |
| 231 | 17.8 | 77.7 | -12.8 |
| 232 | 19.4 | 59.7 | -5.5 |
| 233 | 20.8 | 58.2 | 85.4 |
| 234 | 22.6 | 64.2 | 94.3 |
| 235 | 24.8 | 72.0 | 99.0 |
| 236 | 26.9 | 78.7 | 99.4 |
| 237 | 28.8 | 86.5 | 92.4 |
| 238 | 30.2 | 63.7 | -10.7 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 239 | 31.4 | 68.6 | 86.2 |
| 240 | 32.6 | 68.7 | 99.3 |
| 241 | 34.1 | 72.7 | 99.0 |
| 242 | 35.7 | 78.0 | 99.3 |
| 243 | 37.0 | 81.5 | 99.8 |
| 244 | 37.8 | 80.3 | 8.4 |
| 245 | 38.0 | 79.5 | -6.1 |
| 246 | 37.7 | 79.4 | 9.1 |
| 247 | 37.2 | 76.5 | -3.3 |
| 248 | 36.5 | 75.3 | -12.4 |
| 249 | 35.9 | 74.6 | -12.3 |
| 250 | 35.4 | 73.5 | 25.6 |
| 251 | 35.1 | 73.0 | 35.6 |
| 252 | 34.8 | 73.5 | 24.4 |
| 253 | 34.4 | 70.6 | -11.6 |
| 254 | 33.8 | 69.2 | -9.6 |
| 255 | 33.1 | 67.5 | -7.9 |
| 256 | 32.8 | 65.5 | 17.0 |
| 257 | 32.9 | 68.7 | 78.7 |
| 258 | 33.7 | 71.1 | 94.7 |
| 259 | 35.0 | 75.3 | 99.1 |
| 260 | 36.7 | 79.4 | 99.5 |
| 261 | 38.5 | 83.3 | 99.9 |
| 262 | 40.0 | 85.0 | -14.4 |
| 263 | 41.4 | 66.3 | 97.5 |
| 264 | 42.7 | 66.5 | 99.7 |
| 265 | 44.2 | 70.7 | 99.1 |
| 266 | 45.7 | 73.0 | 99.0 |
| 267 | 47.1 | 75.0 | 99.1 |
| 268 | 48.4 | 77.8 | 83.1 |
| 269 | 49.2 | 78.5 | 28.4 |
| 270 | 49.7 | 79.0 | 12.5 |
| 271 | 49.9 | 77.8 | 8.4 |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

\begin{tabular}{|c|c|c|c|}
\hline Time

$s$ \& | Vehicle speed |
| :--- |
| km/h | \& Related engine speed \% \& Related engine torque \% <br>

\hline 272 \& 49.8 \& 78.4 \& 9.1 <br>
\hline 273 \& 49.7 \& 78.3 \& 7.0 <br>
\hline 274 \& 49.4 \& 75.5 \& -1.9 <br>
\hline 275 \& 49.0 \& 76.5 \& -12.6 <br>
\hline 276 \& 48.5 \& 76.2 \& -12.6 <br>
\hline 277 \& 48.0 \& 75.4 \& -12.4 <br>
\hline 278 \& 47.3 \& 74.7 \& -12.3 <br>
\hline 279 \& 46.5 \& 73.5 \& -12.1 <br>
\hline 280 \& 45.5 \& 70.9 \& -11.7 <br>
\hline 281 \& 44.2 \& 67.2 \& -11.1 <br>
\hline 282 \& 42.6 \& 65.2 \& -10.9 <br>
\hline 283 \& 40.9 \& 62.8 \& -10.6 <br>
\hline 284 \& 39.0 \& 59.7 \& -9.4 <br>
\hline 285 \& 37.0 \& 56.7 \& -7.5 <br>
\hline 286 \& 34.9 \& 53.3 \& -4.9 <br>
\hline 287 \& 32.9 \& 49.8 \& -2.4 <br>
\hline 288 \& 30.9 \& 43.4 \& 73.4 <br>
\hline 289 \& 28.9 \& 54.9 \& -2.6 <br>
\hline 290 \& 26.9 \& 53.9 \& -4.7 <br>
\hline 291 \& 25.0 \& 43.4 \& -0.7 <br>
\hline 292 \& 23.1 \& 64.1 \& 11.9 <br>
\hline 293 \& 21.2 \& 58.9 \& -8.7 <br>
\hline 294 \& 19.4 \& 51.4 \& -2.7 <br>
\hline 295 \& 17.7 \& 45.4 \& -1.7 <br>
\hline 296 \& 16.6 \& 42.2 \& 0.4 <br>
\hline 297 \& 16.3 \& 39.8 \& 73.5 <br>
\hline 298 \& 16.9 \& 46.4 \& 76.8 <br>
\hline 299 \& 18.1 \& 53.2 \& 81.4 <br>
\hline 300 \& 19.9 \& 60.0 \& 87.4 <br>
\hline 301 \& 22.1 \& 66.3 \& 98.6 <br>
\hline 302 \& 24.5 \& 74.0 \& 99.0 <br>
\hline 303 \& 26.9 \& 81.2 \& 99.7 <br>
\hline 304 \& 28.6 \& 73.0 \& -12.0 <br>
\hline
\end{tabular}

| Time | Vehicle speed <br> km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 305 | 29.5 | 49.4 | -3.1 |
| 306 | 29.8 | 61.7 | 22.0 |
| 307 | 29.8 | 62.3 | 13.8 |
| 308 | 29.7 | 62.3 | 12.5 |
| 309 | 29.7 | 62.8 | 11.5 |
| 310 | 29.9 | 62.7 | 35.5 |
| 311 | 30.5 | 63.7 | 83.3 |
| 312 | 31.4 | 66.2 | 96.4 |
| 313 | 32.5 | 69.6 | 99.2 |
| 314 | 33.6 | 72.7 | 99.0 |
| 315 | 34.3 | 76.0 | 60.9 |
| 316 | 34.3 | 75.6 | -12.5 |
| 317 | 33.3 | 70.7 | -11.7 |
| 318 | 31.5 | 64.8 | -10.8 |
| 319 | 29.2 | 58.4 | -8.9 |
| 320 | 26.9 | 53.3 | -4.9 |
| 321 | 24.8 | 49.0 | -2.2 |
| 322 | 23.1 | 46.5 | -1.7 |
| 323 | 21.9 | 59.3 | 24.8 |
| 324 | 21.0 | 56.2 | -4.8 |
| 325 | 20.6 | 62.9 | 31.9 |
| 326 | 20.6 | 57.3 | 61.0 |
| 327 | 21.0 | 58.8 | 52.1 |
| 328 | 21.5 | 61.7 | 47.7 |
| 329 | 21.8 | 62.0 | 30.7 |
| 330 | 21.9 | 61.5 | 23.1 |
| 331 | 21.9 | 61.2 | 23.2 |
| 332 | 22.0 | 61.1 | 31.9 |
| 333 | 22.2 | 61.7 | 73.6 |
| 334 | 22.6 | 65.2 | 60.7 |
| 335 | 23.1 | 65.2 | 51.1 |
| 336 | 23.5 | 66.6 | 46.8 |
| 337 | 23.8 | 67.1 | 50.0 |

\begin{tabular}{|c|c|c|c|}
\hline Time

$s$ \& | Vehicle speed |
| :--- |
| km/h | \& Related engine speed \% \& Related engine torque \% <br>

\hline 338 \& 23.8 \& 66.7 \& 52.1 <br>
\hline 339 \& 23.6 \& 67.0 \& 45.7 <br>
\hline 340 \& 23.2 \& 64.7 \& 22.1 <br>
\hline 341 \& 22.5 \& 62.7 \& 26.0 <br>
\hline 342 \& 21.5 \& 58.3 \& 17.8 <br>
\hline 343 \& 20.6 \& 56.2 \& 29.8 <br>
\hline 344 \& 19.8 \& 54.2 \& 71.6 <br>
\hline 345 \& 19.3 \& 53.3 \& 47.3 <br>
\hline 346 \& 19.2 \& 53.4 \& 80.3 <br>
\hline 347 \& 19.4 \& 54.2 \& 87.2 <br>
\hline 348 \& 20.0 \& 56.3 \& 90.8 <br>
\hline 349 \& 20.8 \& 58.2 \& 94.7 <br>
\hline 350 \& 21.6 \& 62.2 \& 99.2 <br>
\hline 351 \& 22.2 \& 66.5 \& 99.7 <br>
\hline 352 \& 22.4 \& 61.7 \& -0.4 <br>
\hline 353 \& 22.2 \& 58.9 \& 0.7 <br>
\hline 354 \& 22.0 \& 59.7 \& 58.6 <br>
\hline 355 \& 22.5 \& 62.2 \& 87.5 <br>
\hline 356 \& 23.8 \& 67.2 \& 99.5 <br>
\hline 357 \& 25.5 \& 73.5 \& 99.0 <br>
\hline 358 \& 27.5 \& 80.4 \& 99.6 <br>
\hline 359 \& 29.2 \& 87.4 \& 99.5 <br>
\hline 360 \& 30.6 \& 91.4 \& 99.4 <br>
\hline 361 \& 31.3 \& 61.7 \& -10.2 <br>
\hline 362 \& 31.9 \& 66.7 \& 95.2 <br>
\hline 363 \& 32.7 \& 70.3 \& 99.2 <br>
\hline 364 \& 33.8 \& 72.5 \& 99.0 <br>
\hline 365 \& 35.0 \& 74.8 \& 99.0 <br>
\hline 366 \& 36.3 \& 77.2 \& 99.2 <br>
\hline 367 \& 37.5 \& 81.0 \& 99.7 <br>
\hline 368 \& 38.4 \& 80.9 \& 29.8 <br>
\hline 369 \& 38.9 \& 81.1 \& 14.6 <br>
\hline 370 \& 39.1 \& 77.3 \& -12.8 <br>
\hline
\end{tabular}

| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 371 | 39.2 | 61.0 | 49.9 |
| 372 | 39.4 | 62.3 | 75.7 |
| 373 | 39.6 | 60.3 | 9.0 |
| 374 | 39.7 | 62.7 | 10.3 |
| 375 | 39.6 | 62.0 | 15.9 |
| 376 | 39.6 | 62.0 | 12.7 |
| 377 | 39.6 | 62.0 | 8.9 |
| 378 | 39.5 | 61.5 | 6.2 |
| 379 | 39.3 | 61.5 | -7.6 |
| 380 | 39.0 | 61.0 | -8.9 |
| 381 | 38.5 | 60.5 | -9.3 |
| 382 | 37.9 | 59.8 | -9.2 |
| 383 | 37.2 | 57.8 | -3.5 |
| 384 | 36.5 | 57.9 | 6.4 |
| 385 | 35.8 | 55.7 | 6.3 |
| 386 | 35.1 | 54.2 | 0.3 |
| 387 | 34.3 | 52.5 | -0.8 |
| 388 | 33.4 | 66.5 | 48.9 |
| 389 | 32.4 | 63.1 | -10.2 |
| 390 | 31.4 | 64.2 | -10.8 |
| 391 | 30.4 | 62.8 | -10.6 |
| 392 | 29.5 | 60.9 | -10.1 |
| 393 | 28.8 | 58.3 | 3.1 |
| 394 | 28.3 | 60.2 | 79.0 |
| 395 | 28.1 | 60.2 | 89.5 |
| 396 | 27.9 | 59.6 | 98.8 |
| 397 | 27.8 | 60.2 | 98.9 |
| 398 | 27.7 | 59.3 | 98.8 |
| 399 | 27.7 | 58.7 | 98.8 |
| 400 | 27.9 | 59.1 | 98.8 |
| 401 | 28.1 | 60.7 | 99.0 |
| 402 | 28.2 | 59.7 | 98.9 |
| 403 | 28.4 | 58.7 | 98.8 |


| Time | Vehicle speed <br> km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 404 | 28.4 | 60.6 | 99.0 |
| 405 | 28.5 | 59.6 | 98.8 |
| 406 | 28.3 | 60.7 | 99.0 |
| 407 | 27.7 | 58.7 | 54.3 |
| 408 | 26.9 | 72.3 | 31.9 |
| 409 | 26.0 | 68.8 | 72.3 |
| 410 | 25.6 | 71.2 | 99.1 |
| 411 | 25.8 | 73.1 | 99.0 |
| 412 | 26.5 | 77.1 | 99.2 |
| 413 | 27.2 | 78.2 | 99.3 |
| 414 | 28.1 | 80.8 | 99.7 |
| 415 | 29.0 | 84.1 | 99.8 |
| 416 | 29.7 | 85.5 | 99.7 |
| 417 | 30.5 | 87.5 | 99.5 |
| 418 | 31.2 | 89.5 | 99.4 |
| 419 | 31.6 | 90.4 | 99.4 |
| 420 | 31.8 | 92.5 | 99.4 |
| 421 | 31.5 | 73.0 | -12.0 |
| 422 | 31.0 | 66.2 | 96.4 |
| 423 | 30.6 | 64.4 | 99.8 |
| 424 | 30.4 | 63.8 | 99.6 |
| 425 | 30.4 | 65.8 | 99.8 |
| 426 | 30.5 | 65.2 | 100.0 |
| 427 | 30.5 | 65.2 | 100.0 |
| 428 | 30.6 | 65.1 | 100.0 |
| 429 | 30.6 | 65.1 | 100.0 |
| 430 | 30.7 | 65.6 | 99.9 |
| 431 | 30.8 | 65.2 | 100.0 |
| 432 | 30.8 | 65.1 | 100.0 |
| 433 | 30.9 | 65.2 | 100.0 |
| 434 | 31.0 | 65.9 | 99.8 |
| 435 | 31.1 | 66.3 | 99.7 |
| 436 | 31.2 | 67.0 | 99.6 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 437 | 31.2 | 65.5 | 99.9 |
| 438 | 31.3 | 66.8 | 99.6 |
| 439 | 31.3 | 65.7 | 99.8 |
| 440 | 31.4 | 65.5 | 99.9 |
| 441 | 31.4 | 66.6 | 99.7 |
| 442 | 31.5 | 67.3 | 99.5 |
| 443 | 31.5 | 68.0 | 99.4 |
| 444 | 31.7 | 67.0 | 99.6 |
| 445 | 31.9 | 66.5 | 99.7 |
| 446 | 32.2 | 67.8 | 99.4 |
| 447 | 32.8 | 69.3 | 99.2 |
| 448 | 33.2 | 72.5 | 99.0 |
| 449 | 33.4 | 71.0 | 5.7 |
| 450 | 33.2 | 70.7 | -11.7 |
| 451 | 32.7 | 69.5 | 59.8 |
| 452 | 34.3 | 74.3 | 99.0 |
| 453 | 35.7 | 79.2 | 90.5 |
| 454 | 36.7 | 70.0 | -11.6 |
| 455 | 37.4 | 58.2 | 59.8 |
| 456 | 37.9 | 60.1 | 92.6 |
| 457 | 38.6 | 62.0 | 99.2 |
| 458 | 39.4 | 62.3 | 99.3 |
| 459 | 40.3 | 65.0 | 100.0 |
| 460 | 41.2 | 66.6 | 99.7 |
| 461 | 41.9 | 66.5 | 99.7 |
| 462 | 42.5 | 68.5 | 53.1 |
| 463 | 42.6 | 67.1 | 13.9 |
| 464 | 42.4 | 66.1 | -11.0 |
| 465 | 41.9 | 65.5 | -10.9 |
| 466 | 41.7 | 65.3 | 52.2 |
| 467 | 42.0 | 66.3 | 80.0 |
| 468 | 42.7 | 67.8 | 95.0 |
| 469 | 43.7 | 69.5 | 99.2 |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 470 | 44.5 | 71.9 | 99.1 |
| 471 | 44.7 | 73.2 | -12.1 |
| 472 | 44.0 | 71.5 | -11.8 |
| 473 | 42.2 | 66.6 | -11.1 |
| 474 | 39.5 | 60.0 | -9.5 |
| 475 | 36.6 | 53.7 | -5.4 |
| 476 | 33.9 | 50.3 | -2.8 |
| 477 | 31.7 | 47.4 | -1.8 |
| 478 | 29.9 | 44.6 | -1.1 |
| 479 | 28.5 | 43.1 | 0.0 |
| 480 | 27.4 | 42.1 | 0.0 |
| 481 | 26.1 | 42.1 | 0.0 |
| 482 | 24.6 | 38.1 | 1.1 |
| 483 | 22.8 | 33.3 | 0.9 |
| 484 | 21.4 | 30.8 | 0.0 |
| 485 | 20.9 | 38.7 | 63.8 |
| 486 | 21.2 | 52.9 | -4.3 |
| 487 | 22.3 | 45.6 | 75.7 |
| 488 | 23.7 | 51.2 | 79.2 |
| 489 | 25.0 | 51.5 | 19.4 |
| 490 | 25.9 | 54.2 | 5.8 |
| 491 | 26.5 | 54.7 | 0.8 |
| 492 | 26.8 | 56.2 | -2.2 |
| 493 | 27.1 | 56.0 | -3.5 |
| 494 | 27.3 | 56.7 | -5.0 |
| 495 | 27.5 | 56.9 | -6.1 |
| 496 | 27.6 | 57.5 | -7.0 |
| 497 | 27.7 | 57.7 | -7.4 |
| 498 | 27.5 | 56.9 | -7.2 |
| 499 | 27.2 | 56.6 | -7.1 |
| 500 | 26.5 | 56.2 | -7.0 |
| 501 | 25.3 | 51.9 | -3.4 |
| 502 | 23.6 | 50.0 | -2.4 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 503 | 21.4 | 44.2 | -1.3 |
| 504 | 18.7 | 37.6 | 1.2 |
| 505 | 15.6 | 30.8 | -0.3 |
| 506 | 12.2 | 28.3 | 1.2 |
| 507 | 8.6 | 27.9 | 0.0 |
| 508 | 5.3 | 28.9 | 1.7 |
| 509 | 2.8 | 28.9 | 1.7 |
| 510 | 1.4 | 27.3 | 0.5 |
| 511 | 1.0 | 28.9 | 1.7 |
| 512 | 1.2 | 42.6 | -0.2 |
| 513 | 1.9 | 28.0 | 0.1 |
| 514 | 3.2 | 50.3 | 25.6 |
| 515 | 4.9 | 42.6 | 56.9 |
| 516 | 6.6 | 40.2 | 45.1 |
| 517 | 7.9 | 47.9 | 4.6 |
| 518 | 8.7 | 44.0 | 1.3 |
| 519 | 9.8 | 49.8 | 28.6 |
| 520 | 11.4 | 54.7 | 73.7 |
| 521 | 13.6 | 72.3 | 59.5 |
| 522 | 15.8 | 57.7 | -8.4 |
| 523 | 17.8 | 54.7 | 27.8 |
| 524 | 19.9 | 56.7 | 80.4 |
| 525 | 22.0 | 65.2 | 88.9 |
| 526 | 23.7 | 70.3 | 11.1 |
| 527 | 24.5 | 71.9 | -9.2 |
| 528 | 24.4 | 67.5 | -11.2 |
| 529 | 23.7 | 65.2 | -10.9 |
| 530 | 22.7 | 61.0 | -10.2 |
| 531 | 21.7 | 57.7 | -5.1 |
| 532 | 21.0 | 56.3 | -7.4 |
| 533 | 20.6 | 54.7 | -6.2 |
| 534 | 20.6 | 54.3 | 72.7 |
| 535 | 21.1 | 60.5 | 78.9 |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 569 | 27.8 | 57.7 | -8.4 |
| 570 | 26.1 | 55.3 | -6.8 |
| 571 | 23.9 | 48.4 | -2.4 |
| 572 | 21.5 | 40.8 | 0.6 |
| 573 | 19.6 | 37.2 | 0.9 |
| 574 | 18.2 | 36.8 | 1.1 |
| 575 | 17.4 | 34.7 | 0.5 |
| 576 | 16.8 | 34.3 | 0.9 |
| 577 | 16.4 | 32.3 | 0.2 |
| 578 | 15.9 | 31.4 | -0.2 |
| 579 | 15.5 | 31.3 | 0.4 |
| 580 | 14.9 | 30.4 | 0.0 |
| 581 | 14.1 | 29.7 | -0.3 |
| 582 | 13.0 | 28.3 | -0.6 |
| 583 | 11.5 | 29.8 | 0.7 |
| 584 | 9.9 | 28.8 | 0.7 |
| 585 | 8.3 | 28.9 | -0.1 |
| 586 | 0.1 | 28.9 | 2.1 |
| 587 | 0.5 | 34.7 | 22.8 |
| 588 | 1.3 | 40.1 | 49.4 |
| 589 | 2.9 | 45.4 | 56.0 |
| 590 | 5.2 | 43.6 | 56.1 |
| 591 | 7.8 | 45.3 | 56.0 |
| 592 | 10.4 | 61.5 | 68.8 |
| 593 | 12.6 | 77.4 | 61.2 |
| 594 | 14.2 | 70.5 | -12.9 |
| 595 | 15.4 | 51.1 | -6.9 |
| 596 | 16.6 | 42.7 | 8.8 |
| 597 | 18.3 | 52.0 | 70.2 |
| 598 | 20.9 | 59.3 | 79.0 |
| 599 | 24.0 | 69.5 | 98.9 |
| 600 | 27.3 | 80.0 | 73.8 |
| 601 | 30.1 | 66.4 | -7.6 |
| 22 |  |  |  |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 602 | 32.7 | 62.9 | 86.0 |
| 603 | 35.3 | 68.7 | 99.0 |
| 604 | 38.0 | 75.3 | 98.9 |
| 605 | 40.3 | 80.6 | 99.7 |
| 606 | 42.1 | 76.7 | -15.6 |
| 607 | 43.2 | 56.4 | -10.0 |
| 608 | 44.1 | 58.5 | 38.1 |
| 609 | 44.9 | 60.0 | 80.4 |
| 610 | 45.9 | 62.0 | 99.4 |
| 611 | 46.8 | 63.3 | 99.9 |
| 612 | 47.7 | 64.6 | 99.7 |
| 613 | 48.3 | 66.0 | 90.3 |
| 614 | 48.5 | 65.0 | 1.8 |
| 615 | 48.3 | 64.2 | -8.6 |
| 616 | 47.5 | 63.6 | -12.3 |
| 617 | 46.4 | 62.1 | -12.2 |
| 618 | 45.2 | 59.3 | -11.8 |
| 619 | 44.2 | 56.5 | -10.9 |
| 620 | 43.7 | 57.5 | 0.5 |
| 621 | 43.9 | 58.4 | 53.4 |
| 622 | 44.8 | 60.3 | 65.1 |
| 623 | 46.3 | 62.9 | 67.8 |
| 624 | 48.3 | 67.0 | 99.2 |
| 625 | 50.8 | 70.4 | 98.9 |
| 626 | 53.6 | 74.0 | 98.8 |
| 627 | 56.3 | 77.5 | 99.2 |
| 628 | 58.7 | 80.1 | 89.4 |
| 629 | 60.6 | 83.6 | -11.9 |
| 630 | 62.0 | 69.8 | 79.1 |
| 631 | 63.1 | 71.6 | 98.8 |
| 632 | 63.9 | 72.7 | 98.8 |
| 633 | 64.7 | 74.1 | 98.8 |
| 634 | 65.5 | 74.8 | 98.9 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 635 | 66.1 | 75.3 | 46.5 |
| 636 | 66.6 | 75.5 | 44.5 |
| 637 | 67.0 | 75.4 | 3.5 |
| 638 | 67.3 | 63.6 | -6.9 |
| 639 | 67.4 | 64.5 | 73.1 |
| 640 | 67.4 | 64.6 | -6.1 |
| 641 | 67.3 | 65.0 | -7.0 |
| 642 | 67.1 | 63.8 | -6.7 |
| 643 | 66.7 | 63.7 | -6.9 |
| 644 | 66.2 | 63.2 | -6.6 |
| 645 | 65.5 | 62.5 | -8.0 |
| 646 | 64.9 | 61.7 | -7.0 |
| 647 | 64.5 | 61.4 | 11.3 |
| 648 | 64.2 | 61.1 | 42.8 |
| 649 | 64.1 | 62.2 | 83.0 |
| 650 | 64.3 | 61.5 | 99.3 |
| 651 | 64.8 | 62.8 | 99.7 |
| 652 | 65.6 | 63.9 | 99.9 |
| 653 | 66.5 | 64.7 | 99.7 |
| 654 | 67.5 | 65.0 | 99.6 |
| 655 | 68.4 | 66.4 | 99.3 |
| 656 | 69.3 | 67.7 | 99.1 |
| 657 | 70.2 | 68.3 | 99.0 |
| 658 | 70.9 | 68.5 | 99.0 |
| 659 | 71.2 | 68.6 | 9.3 |
| 660 | 71.1 | 68.2 | -13.0 |
| 661 | 70.8 | 68.1 | -5.3 |
| 662 | 70.4 | 67.7 | 51.3 |
| 663 | 70.1 | 67.8 | 59.8 |
| 664 | 69.8 | 67.1 | 39.3 |
| 665 | 69.4 | 67.0 | -9.7 |
| 666 | 68.8 | 65.7 | -10.2 |
| 667 | 68.2 | 64.5 | -8.9 |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

| Time $s$ | Vehicle speed <br> $\mathrm{km} / \mathrm{h}$ | Related engine speed \% | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 668 | 67.5 | 64.7 | 0.0 |
| 669 | 67.1 | 63.8 | 41.7 |
| 670 | 67.1 | 64.3 | 73.2 |
| 671 | 67.5 | 64.5 | 99.7 |
| 672 | 68.3 | 65.6 | 99.5 |
| 673 | 69.3 | 66.8 | 99.3 |
| 674 | 70.3 | 67.5 | 99.1 |
| 675 | 71.3 | 68.5 | 99.0 |
| 676 | 72.2 | 68.4 | 99.0 |
| 677 | 72.9 | 70.2 | 98.9 |
| 678 | 73.7 | 71.3 | 98.8 |
| 679 | 74.5 | 72.0 | 98.8 |
| 680 | 75.3 | 73.5 | 98.8 |
| 681 | 76.4 | 74.5 | 98.9 |
| 682 | 77.3 | 74.8 | 64.0 |
| 683 | 78.2 | 75.6 | 46.5 |
| 684 | 78.6 | 75.8 | 28.7 |
| 685 | 78.5 | 75.1 | 1.8 |
| 686 | 77.8 | 75.0 | 6.8 |
| 687 | 76.9 | 74.0 | 53.6 |
| 688 | 75.8 | 73.1 | 82.5 |
| 689 | 74.8 | 72.7 | 98.8 |
| 690 | 74.0 | 71.3 | 98.8 |
| 691 | 73.7 | 70.8 | 98.8 |
| 692 | 73.9 | 71.2 | 98.8 |
| 693 | 74.5 | 72.2 | 98.8 |
| 694 | 75.4 | 73.0 | 49.4 |
| 695 | 76.4 | 73.4 | 37.2 |
| 696 | 77.3 | 73.9 | 46.3 |
| 697 | 78.1 | 74.8 | 72.3 |
| 698 | 78.5 | 74.8 | 72.3 |
| 699 | 78.6 | 75.2 | 77.4 |
| 700 | 78.3 | 75.7 | 69.3 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 701 | 77.8 | 74.5 | -8.6 |
| 702 | 77.2 | 74.5 | -13.2 |
| 703 | 76.8 | 73.5 | -12.4 |
| 704 | 76.6 | 73.0 | -12.3 |
| 705 | 76.8 | 72.5 | -12.2 |
| 706 | 77.0 | 73.1 | -12.9 |
| 707 | 76.8 | 73.0 | -14.6 |
| 708 | 75.8 | 72.1 | -14.7 |
| 709 | 74.3 | 70.5 | -14.3 |
| 710 | 72.2 | 68.2 | -13.5 |
| 711 | 69.8 | 65.5 | -12.9 |
| 712 | 67.8 | 63.7 | -10.2 |
| 713 | 66.3 | 63.4 | 40.4 |
| 714 | 65.4 | 62.8 | -3.0 |
| 715 | 64.8 | 61.5 | -3.9 |
| 716 | 64.3 | 61.1 | 9.8 |
| 717 | 63.8 | 61.1 | 34.5 |
| 718 | 63.2 | 61.0 | 37.1 |
| 719 | 62.5 | 59.8 | -7.7 |
| 720 | 61.8 | 58.5 | -10.1 |
| 721 | 61.3 | 58.0 | -10.4 |
| 722 | 60.9 | 58.1 | -11.2 |
| 723 | 61.0 | 58.0 | -10.7 |
| 724 | 61.3 | 58.4 | -10.5 |
| 725 | 61.6 | 58.4 | -9.3 |
| 726 | 62.0 | 59.4 | 17.4 |
| 727 | 62.4 | 60.7 | 29.0 |
| 728 | 62.6 | 60.1 | -2.9 |
| 729 | 62.6 | 59.9 | -3.7 |
| 730 | 62.3 | 55.7 | 10.7 |
| 731 | 61.5 | 69.1 | -12.1 |
| 732 | 60.0 | 69.3 | -13.7 |
| 733 | 57.7 | 65.7 | -12.9 |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 734 | 55.0 | 60.3 | -11.9 |
| 735 | 52.6 | 57.3 | -11.0 |
| 736 | 51.2 | 56.5 | 16.5 |
| 737 | 50.8 | 56.3 | 73.2 |
| 738 | 51.2 | 57.0 | 89.8 |
| 739 | 51.8 | 58.8 | 98.6 |
| 740 | 52.5 | 59.8 | 98.8 |
| 741 | 53.2 | 61.0 | 99.1 |
| 742 | 54.0 | 61.1 | 99.2 |
| 743 | 54.9 | 62.9 | 99.7 |
| 744 | 55.7 | 63.5 | 100.0 |
| 745 | 56.5 | 64.1 | 99.9 |
| 746 | 57.1 | 64.1 | 99.9 |
| 747 | 57.5 | 65.6 | 99.5 |
| 748 | 57.9 | 65.9 | 99.4 |
| 749 | 58.2 | 66.6 | 99.3 |
| 750 | 58.6 | 66.3 | 99.3 |
| 751 | 59.2 | 67.3 | 99.2 |
| 752 | 60.2 | 68.2 | 99.1 |
| 753 | 61.5 | 69.0 | 99.0 |
| 754 | 63.0 | 72.6 | 98.8 |
| 755 | 64.6 | 74.5 | 47.4 |
| 756 | 65.9 | 74.7 | 1.8 |
| 757 | 66.9 | 75.8 | -4.1 |
| 758 | 67.6 | 63.6 | -9.7 |
| 759 | 68.0 | 65.7 | 46.0 |
| 760 | 68.5 | 66.1 | 61.0 |
| 761 | 69.1 | 66.3 | -3.3 |
| 762 | 69.8 | 65.9 | 20.4 |
| 763 | 70.4 | 67.2 | 56.7 |
| 764 | 71.0 | 68.1 | 59.8 |
| 765 | 71.6 | 68.6 | 49.2 |
| 766 | 72.2 | 69.1 | 33.7 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 767 | 72.8 | 69.4 | 96.0 |
| 768 | 73.4 | 70.4 | 98.9 |
| 769 | 73.9 | 71.0 | 98.8 |
| 770 | 74.5 | 72.3 | 98.8 |
| 771 | 75.1 | 72.9 | 98.8 |
| 772 | 75.7 | 73.4 | 98.8 |
| 773 | 76.2 | 73.4 | 98.8 |
| 774 | 76.4 | 74.3 | 98.9 |
| 775 | 76.2 | 73.7 | 46.3 |
| 776 | 75.8 | 73.1 | -12.9 |
| 777 | 75.2 | 71.6 | -12.6 |
| 778 | 74.4 | 70.5 | -12.6 |
| 779 | 73.6 | 69.4 | -12.1 |
| 780 | 72.8 | 68.6 | -10.1 |
| 781 | 72.1 | 68.5 | 9.3 |
| 782 | 71.7 | 68.0 | 26.3 |
| 783 | 71.6 | 67.7 | 42.8 |
| 784 | 71.7 | 68.3 | 47.1 |
| 785 | 72.1 | 69.0 | 52.4 |
| 786 | 72.8 | 70.0 | 50.3 |
| 787 | 73.3 | 70.4 | 20.6 |
| 788 | 73.6 | 70.5 | -4.9 |
| 789 | 73.8 | 70.9 | -5.6 |
| 790 | 73.9 | 70.4 | -0.7 |
| 791 | 74.2 | 71.7 | 9.7 |
| 792 | 74.3 | 70.9 | 9.6 |
| 793 | 74.5 | 71.4 | 9.6 |
| 794 | 74.4 | 71.1 | 9.6 |
| 795 | 74.3 | 71.4 | 6.2 |
| 796 | 74.3 | 71.4 | 9.6 |
| 797 | 74.4 | 71.7 | 13.1 |
| 798 | 74.6 | 71.6 | 20.7 |
| 799 | 74.8 | 71.4 | 31.0 |
| 28 |  |  |  |


| Time $s$ | Vehicle speed <br> $\mathrm{km} / \mathrm{h}$ | Related engine speed \% | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 800 | 75.0 | 71.8 | 42.0 |
| 801 | 75.3 | 72.5 | 52.5 |
| 802 | 75.6 | 72.0 | 51.4 |
| 803 | 75.9 | 72.3 | 57.7 |
| 804 | 76.5 | 73.4 | 98.8 |
| 805 | 77.2 | 73.9 | 96.1 |
| 806 | 77.7 | 74.7 | 45.4 |
| 807 | 77.9 | 74.3 | 5.0 |
| 808 | 77.7 | 73.5 | 3.2 |
| 809 | 77.3 | 73.3 | 14.9 |
| 810 | 77.0 | 73.9 | 35.8 |
| 811 | 76.9 | 74.3 | 73.3 |
| 812 | 76.9 | 74.5 | 37.4 |
| 813 | 76.9 | 74.4 | 21.0 |
| 814 | 77.0 | 74.0 | 21.0 |
| 815 | 76.9 | 73.5 | 18.0 |
| 816 | 76.4 | 73.1 | 32.7 |
| 817 | 75.4 | 72.6 | 46.2 |
| 818 | 74.1 | 71.3 | 45.1 |
| 819 | 72.6 | 69.5 | 43.9 |
| 820 | 71.3 | 67.7 | 42.8 |
| 821 | 70.2 | 67.3 | 65.2 |
| 822 | 69.4 | 66.3 | 62.1 |
| 823 | 68.8 | 66.0 | 30.6 |
| 824 | 68.1 | 64.5 | -0.1 |
| 825 | 67.4 | 63.2 | -3.4 |
| 826 | 66.8 | 62.7 | -3.0 |
| 827 | 66.5 | 62.0 | -0.6 |
| 828 | 66.6 | 62.0 | 9.4 |
| 829 | 67.1 | 63.9 | 41.7 |
| 830 | 68.0 | 64.6 | 37.8 |
| 831 | 69.0 | 65.9 | 20.4 |
| 832 | 70.1 | 67.2 | 30.7 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque <br> \% |
| :---: | :---: | :---: | :---: |
| 833 | 71.3 | 68.8 | 41.8 |
| 834 | 72.4 | 70.5 | 26.5 |
| 835 | 73.5 | 69.5 | -7.5 |
| 836 | 74.3 | 70.7 | -10.4 |
| 837 | 74.8 | 71.3 | -11.6 |
| 838 | 75.1 | 71.6 | -11.1 |
| 839 | 75.4 | 72.2 | -11.2 |
| 840 | 75.7 | 72.7 | -11.6 |
| 841 | 76.1 | 73.2 | -12.0 |
| 842 | 76.4 | 73.1 | -12.3 |
| 843 | 76.4 | 72.5 | -10.7 |
| 844 | 76.3 | 74.0 | -3.4 |
| 845 | 76.1 | 72.7 | -0.3 |
| 846 | 76.0 | 72.5 | 29.7 |
| 847 | 75.6 | 71.6 | -12.6 |
| 848 | 74.8 | 70.8 | -14.1 |
| 849 | 73.2 | 69.5 | -13.8 |
| 850 | 71.1 | 65.9 | -13.2 |
| 851 | 68.8 | 63.8 | -12.5 |
| 852 | 66.8 | 62.3 | -2.6 |
| 853 | 65.5 | 61.6 | 38.8 |
| 854 | 64.6 | 62.0 | 35.1 |
| 855 | 64.0 | 61.8 | -9.3 |
| 856 | 63.4 | 60.2 | -7.2 |
| 857 | 62.7 | 59.3 | -1.3 |
| 858 | 62.2 | 58.8 | 2.1 |
| 859 | 61.9 | 58.4 | 2.4 |
| 860 | 62.2 | 59.8 | 68.8 |
| 861 | 62.8 | 60.4 | 89.2 |
| 862 | 63.8 | 61.4 | 99.2 |
| 863 | 64.7 | 62.0 | 99.4 |
| 864 | 65.5 | 62.7 | 99.7 |
| 865 | 66.3 | 64.4 | 99.8 |

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

\begin{tabular}{|c|c|c|c|}
\hline Time

$s$ \& Vehicle speed

$$
\mathrm{km} / \mathrm{h}
$$ \& Related engine speed \& Related engine torque \% <br>

\hline 866 \& 67.1 \& 65.1 \& 99.6 <br>
\hline 867 \& 68.0 \& 65.9 \& 99.4 <br>
\hline 868 \& 68.8 \& 66.4 \& 99.3 <br>
\hline 869 \& 69.6 \& 67.2 \& 99.2 <br>
\hline 870 \& 70.4 \& 68.2 \& 99.1 <br>
\hline 871 \& 71.2 \& 69.0 \& 99.0 <br>
\hline 872 \& 72.1 \& 69.5 \& 98.9 <br>
\hline 873 \& 73.1 \& 70.0 \& 98.9 <br>
\hline 874 \& 74.1 \& 71.7 \& 31.1 <br>
\hline 875 \& 74.9 \& 71.5 \& -3.9 <br>
\hline 876 \& 75.3 \& 71.6 \& -5.6 <br>
\hline 877 \& 75.4 \& 71.7 \& 6.3 <br>
\hline 878 \& 75.3 \& 72.4 \& 19.3 <br>
\hline 879 \& 75.2 \& 71.6 \& 1.2 <br>
\hline 880 \& 75.2 \& 71.7 \& 2.9 <br>
\hline 881 \& 75.1 \& 72.3 \& 34.1 <br>
\hline 882 \& 75.2 \& 72.5 \& 13.2 <br>
\hline 883 \& 75.2 \& 72.5 \& 16.4 <br>
\hline 884 \& 75.1 \& 72.2 \& 16.4 <br>
\hline 885 \& 75.0 \& 72.3 \& -3.7 <br>
\hline 886 \& 74.9 \& 72.7 \& -2.0 <br>
\hline 887 \& 74.9 \& 72.7 \& 4.8 <br>
\hline 888 \& 74.9 \& 72.0 \& 22.3 <br>
\hline 889 \& 75.0 \& 71.8 \& 38.5 <br>
\hline 890 \& 75.1 \& 71.5 \& 29.6 <br>
\hline 891 \& 75.2 \& 71.5 \& 26.6 <br>
\hline 892 \& 75.1 \& 71.7 \& 28.1 <br>
\hline 893 \& 74.9 \& 71.9 \& 29.6 <br>
\hline 894 \& 74.7 \& 71.8 \& 16.3 <br>
\hline 895 \& 74.7 \& 71.2 \& -4.8 <br>
\hline 896 \& 74.6 \& 71.3 \& -4.0 <br>
\hline 897 \& 74.3 \& 70.9 \& 19.2 <br>
\hline 898 \& 73.9 \& 70.9 \& 32.5 <br>
\hline
\end{tabular}

| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 932 | 67.8 | 64.5 | 32.0 |
| 933 | 67.6 | 64.7 | 33.4 |
| 934 | 67.6 | 64.6 | 34.9 |
| 935 | 67.8 | 65.0 | 60.1 |
| 936 | 68.2 | 65.7 | 69.7 |
| 937 | 68.6 | 66.0 | 70.7 |
| 938 | 68.8 | 66.7 | 71.7 |
| 939 | 68.8 | 66.8 | 46.0 |
| 940 | 68.5 | 66.4 | 12.6 |
| 941 | 68.0 | 64.8 | -1.8 |
| 942 | 67.4 | 64.3 | 24.7 |
| 943 | 66.8 | 64.0 | 43.9 |
| 944 | 66.2 | 63.6 | 71.1 |
| 945 | 65.8 | 63.9 | 76.8 |
| 946 | 65.4 | 63.2 | 87.5 |
| 947 | 65.3 | 63.1 | 99.8 |
| 948 | 65.2 | 63.6 | 100.0 |
| 949 | 65.3 | 62.9 | 99.7 |
| 950 | 65.3 | 63.6 | 100.0 |
| 951 | 65.3 | 62.8 | 99.7 |
| 952 | 65.4 | 63.2 | 99.8 |
| 953 | 65.6 | 63.2 | 99.8 |
| 954 | 65.8 | 62.7 | 99.7 |
| 955 | 65.8 | 63.7 | 100.0 |
| 956 | 65.7 | 63.2 | 99.8 |
| 957 | 65.6 | 63.1 | 99.8 |
| 958 | 65.6 | 62.9 | 99.7 |
| 959 | 65.6 | 63.6 | 100.0 |
| 960 | 65.7 | 63.0 | 99.7 |
| 961 | 65.8 | 63.1 | 99.8 |
| 962 | 65.9 | 63.1 | 99.8 |
| 963 | 65.9 | 62.9 | 99.7 |
| 964 | 65.8 | 63.2 | 99.8 |


| Time $s$ | Vehicle speed $\mathrm{km} / \mathrm{h}$ | Related engine speed $\%$ | Related engine torque $\%$ |
| :---: | :---: | :---: | :---: |
| 965 | 65.5 | 63.1 | 99.8 |
| 966 | 65.2 | 63.2 | 99.8 |
| 967 | 65.0 | 62.9 | 99.7 |
| 968 | 64.9 | 63.8 | 100.0 |
| 969 | 64.8 | 63.4 | 99.9 |
| 970 | 64.8 | 62.9 | 99.7 |
| 971 | 65.0 | 62.7 | 99.6 |
| 972 | 65.2 | 62.5 | 99.6 |
| 973 | 65.5 | 62.2 | 99.5 |
| 974 | 65.7 | 62.8 | 99.7 |
| 975 | 65.7 | 63.6 | 100.0 |
| 976 | 65.6 | 63.2 | 99.8 |
| 977 | 65.4 | 62.8 | 99.7 |
| 978 | 65.2 | 62.3 | 99.5 |
| 979 | 65.0 | 63.2 | 99.8 |
| 980 | 64.7 | 62.8 | 99.7 |
| 981 | 64.4 | 62.4 | 99.5 |
| 982 | 64.4 | 62.3 | 99.5 |
| 983 | 64.6 | 62.9 | 99.7 |
| 984 | 65.0 | 62.3 | 99.5 |
| 985 | 65.4 | 63.2 | 99.8 |
| 986 | 65.8 | 63.6 | 100.0 |
| 987 | 66.2 | 64.0 | 99.9 |
| 988 | 66.5 | 64.0 | 99.9 |
| 989 | 66.9 | 64.6 | 99.7 |
| 990 | 67.3 | 65.0 | 74.1 |
| 991 | 67.8 | 65.4 | 46.0 |
| 992 | 68.2 | 65.6 | 36.4 |
| 993 | 68.4 | 65.5 | 33.5 |
| 994 | 68.6 | 65.9 | 58.9 |
| 995 | 68.9 | 66.8 | 73.8 |
| 996 | 69.4 | 67.2 | 52.4 |
| 997 | 69.9 | 67.2 | 9.2 |


| Time s | Vehicle speed km/h | Related engine speed \% | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 998 | 70.2 | 67.3 | 2.2 |
| 999 | 70.3 | 67.7 | 33.6 |
| 1000 | 70.2 | 67.0 | -6.9 |
| 1001 | 70.1 | 66.8 | -6.9 |
| 1002 | 70.3 | 67.3 | 26.3 |
| 1003 | 70.6 | 67.2 | 23.3 |
| 1004 | 70.9 | 67.7 | 50.2 |
| 1005 | 71.4 | 68.6 | 68.3 |
| 1006 | 72.1 | 69.5 | 90.2 |
| 1007 | 73.0 | 70.3 | 98.9 |
| 1008 | 74.0 | 72.0 | 98.8 |
| 1009 | 75.0 | 72.7 | 74.4 |
| 1010 | 75.7 | 73.1 | 49.4 |
| 1011 | 76.1 | 72.8 | 9.8 |
| 1012 | 76.0 | 61.5 | -8.3 |
| 1013 | 75.9 | 61.4 | 73.5 |
| 1014 | 76.1 | 62.9 | 99.7 |
| 1015 | 76.4 | 62.9 | 48.8 |
| 1016 | 76.9 | 62.6 | 2.3 |
| 1017 | 77.3 | 62.9 | -5.2 |
| 1018 | 77.4 | 62.4 | -5.6 |
| 1019 | 77.4 | 62.7 | 47.5 |
| 1020 | 77.3 | 62.3 | -6.6 |
| 1021 | 77.2 | 62.5 | -9.1 |
| 1022 | 77.1 | 61.7 | -9.6 |
| 1023 | 77.1 | 62.5 | -9.9 |
| 1024 | 77.0 | 61.8 | -9.6 |
| 1025 | 77.0 | 62.0 | -10.0 |
| 1026 | 76.9 | 62.0 | -9.7 |
| 1027 | 77.1 | 62.3 | -10.6 |
| 1028 | 77.2 | 62.2 | -10.3 |
| 1029 | 77.3 | 62.8 | -10.3 |
| 1030 | 77.3 | 62.0 | -8.9 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1031 | 77.1 | 61.0 | -6.2 |
| 1032 | 76.9 | 62.4 | 31.3 |
| 1033 | 76.8 | 62.7 | 45.3 |
| 1034 | 76.8 | 61.7 | 44.5 |
| 1035 | 76.9 | 62.8 | 61.0 |
| 1036 | 77.1 | 62.5 | 64.3 |
| 1037 | 77.3 | 62.8 | 64.4 |
| 1038 | 77.6 | 63.3 | 65.6 |
| 1039 | 77.7 | 63.2 | 64.5 |
| 1040 | 77.7 | 63.8 | 82.9 |
| 1041 | 77.7 | 63.3 | 86.0 |
| 1042 | 77.7 | 63.4 | 89.0 |
| 1043 | 77.6 | 63.2 | 81.4 |
| 1044 | 77.4 | 62.9 | 49.9 |
| 1045 | 76.9 | 62.3 | 20.1 |
| 1046 | 76.3 | 61.4 | 24.0 |
| 1047 | 75.6 | 61.5 | 36.2 |
| 1048 | 75.2 | 61.1 | 34.5 |
| 1049 | 75.0 | 60.6 | 30.3 |
| 1050 | 75.1 | 61.3 | 53.5 |
| 1051 | 75.2 | 60.6 | 61.6 |
| 1052 | 75.4 | 60.4 | 73.6 |
| 1053 | 75.6 | 61.5 | 84.6 |
| 1054 | 75.8 | 60.9 | 87.7 |
| 1055 | 76.0 | 62.0 | 80.0 |
| 1056 | 76.2 | 62.0 | 50.4 |
| 1057 | 76.3 | 61.3 | 38.6 |
| 1058 | 76.2 | 62.0 | 63.1 |
| 1059 | 76.1 | 61.0 | 5.0 |
| 1060 | 75.8 | 61.0 | 47.4 |
| 1061 | 75.5 | 61.0 | 49.8 |
| 1062 | 75.1 | 60.7 | 23.9 |
| 1063 | 74.9 | 60.5 | 44.6 |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1130 | 64.2 | 61.6 | 46.7 |
| 1131 | 64.0 | 61.5 | 70.0 |
| 1132 | 64.0 | 61.5 | 70.0 |
| 1133 | 64.0 | 60.9 | 67.6 |
| 1134 | 63.8 | 61.0 | 67.6 |
| 1135 | 63.7 | 60.5 | 74.7 |
| 1136 | 63.5 | 61.0 | 13.0 |
| 1137 | 63.2 | 60.2 | -2.2 |
| 1138 | 62.9 | 59.5 | -5.8 |
| 1139 | 62.6 | 59.6 | 24.8 |
| 1140 | 62.6 | 59.1 | 73.8 |
| 1141 | 62.8 | 60.4 | 99.0 |
| 1142 | 63.1 | 60.2 | 98.9 |
| 1143 | 63.7 | 61.9 | 99.4 |
| 1144 | 64.2 | 62.9 | 99.7 |
| 1145 | 64.8 | 62.3 | 99.5 |
| 1146 | 65.2 | 62.3 | 99.5 |
| 1147 | 65.6 | 63.7 | 100.0 |
| 1148 | 65.9 | 64.1 | 99.9 |
| 1149 | 66.2 | 63.6 | 100.0 |
| 1150 | 66.4 | 64.1 | 99.9 |
| 1151 | 66.5 | 64.5 | 99.7 |
| 1152 | 66.6 | 63.6 | 100.0 |
| 1153 | 66.7 | 64.6 | 99.7 |
| 1154 | 67.0 | 64.1 | 98.3 |
| 1155 | 67.1 | 64.0 | 47.2 |
| 1156 | 66.9 | 63.5 | 78.4 |
| 1157 | 66.5 | 63.2 | 83.0 |
| 1158 | 66.0 | 63.2 | 31.7 |
| 1159 | 65.6 | 62.4 | 31.3 |
| 1160 | 65.2 | 62.1 | 21.5 |
| 1161 | 64.9 | 61.3 | 59.4 |
| 1162 | 64.8 | 61.5 | 77.1 |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time $s$ | Vehicle speed km/h | Related engine speed \% | Related engine torque $\%$ |
| :---: | :---: | :---: | :---: |
| 1196 | 85.5 | 70.3 | 82.8 |
| 1197 | 86.5 | 70.2 | 65.8 |
| 1198 | 86.0 | 69.6 | 48.6 |
| 1199 | 85.8 | 69.5 | 62.2 |
| 1200 | 85.6 | 69.7 | 70.4 |
| 1201 | 85.5 | 69.5 | 62.1 |
| 1202 | 85.3 | 69.2 | 67.4 |
| 1203 | 85.0 | 69.4 | 58.9 |
| 1204 | 85.0 | 69.1 | 57.7 |
| 1205 | 84.6 | 68.5 | 57.8 |
| 1206 | 84.3 | 68.3 | 57.6 |
| 1207 | 84.0 | 68.2 | 42.6 |
| 1208 | 83.5 | 68.1 | 70.1 |
| 1209 | 83.6 | 67.7 | 59.6 |
| 1210 | 83.6 | 67.9 | 39.0 |
| 1211 | 82.5 | 67.3 | 68.1 |
| 1212 | 82.7 | 67.6 | 79.1 |
| 1213 | 82.8 | 68.0 | 89.7 |
| 1214 | 82.9 | 67.4 | 89.4 |
| 1215 | 83.1 | 67.4 | 93.1 |
| 1216 | 83.1 | 67.7 | 93.1 |
| 1217 | 83.6 | 68.0 | 94.4 |
| 1218 | 83.8 | 68.0 | 94.8 |
| 1219 | 83.9 | 68.1 | 94.1 |
| 1220 | 84.1 | 68.7 | 94.3 |
| 1221 | 84.1 | 68.5 | 93.7 |
| 1222 | 84.2 | 69.2 | 93.2 |
| 1223 | 85.1 | 69.4 | 93.2 |
| 1224 | 85.0 | 69.0 | 93.7 |
| 1225 | 85.2 | 69.2 | 93.1 |
| 1226 | 85.5 | 69.5 | 86.2 |
| 1227 | 85.5 | 69.6 | 72.9 |
| 1228 | 85.2 | 69.0 | 59.9 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque $\%$ |
| :---: | :---: | :---: | :---: |
| 1229 | 84.6 | 68.6 | 8.5 |
| 1230 | 84.0 | 68.2 | 47.6 |
| 1231 | 83.6 | 68.3 | 74.4 |
| 1232 | 83.9 | 68.1 | 79.1 |
| 1233 | 83.9 | 68.0 | 67.2 |
| 1234 | 83.4 | 68.0 | 69.1 |
| 1235 | 83.7 | 68.1 | 71.3 |
| 1236 | 83.8 | 68.1 | 77.3 |
| 1237 | 84.2 | 68.5 | 78.2 |
| 1238 | 84.6 | 68.4 | 70.6 |
| 1239 | 84.5 | 68.7 | 64.0 |
| 1240 | 84.6 | 68.5 | 55.6 |
| 1241 | 85.2 | 69.3 | 49.6 |
| 1242 | 85.2 | 69.0 | 41.1 |
| 1243 | 85.4 | 69.5 | 40.6 |
| 1244 | 85.4 | 69.1 | 21.1 |
| 1245 | 86.3 | 69.4 | 24.9 |
| 1246 | 85.9 | 69.7 | 24.8 |
| 1247 | 86.2 | 69.3 | -16.9 |
| 1248 | 86.2 | 69.5 | -15.1 |
| 1249 | 86.1 | 69.5 | -14.9 |
| 1250 | 86.1 | 69.4 | -14.9 |
| 1251 | 86.8 | 69.7 | -14.9 |
| 1252 | 86.8 | 69.7 | -14.9 |
| 1253 | 86.9 | 70.0 | -5.7 |
| 1254 | 87.0 | 70.8 | 2.6 |
| 1255 | 87.5 | 70.1 | -14.0 |
| 1256 | 88.2 | 70.5 | -14.8 |
| 1257 | 87.6 | 70.8 | -16.1 |
| 1258 | 87.4 | 70.0 | 4.1 |
| 1259 | 87.6 | 70.9 | 7.1 |
| 1260 | 87.5 | 70.7 | -0.3 |
| 1261 | 87.2 | 70.1 | -15.6 |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time s | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1295 | 85.6 | 69.5 | 30.7 |
| 1296 | 86.1 | 69.5 | 25.9 |
| 1297 | 86.1 | 69.4 | 22.9 |
| 1298 | 85.4 | 69.4 | 24.4 |
| 1299 | 86.3 | 69.8 | 61.0 |
| 1300 | 86.7 | 70.4 | 56.0 |
| 1301 | 86.9 | 70.7 | 50.6 |
| 1302 | 86.7 | 70.0 | 16.2 |
| 1303 | 86.7 | 70.1 | 50.0 |
| 1304 | 87.7 | 70.1 | 31.4 |
| 1305 | 87.4 | 70.4 | 43.1 |
| 1306 | 87.7 | 71.0 | 38.4 |
| 1307 | 87.5 | 71.0 | 40.2 |
| 1308 | 88.1 | 71.4 | 49.7 |
| 1309 | 88.2 | 71.7 | 45.9 |
| 1310 | 88.4 | 71.9 | 45.9 |
| 1311 | 88.8 | 72.0 | 45.8 |
| 1312 | 89.1 | 72.3 | 46.8 |
| 1313 | 89.4 | 72.4 | 44.3 |
| 1314 | 89.6 | 72.5 | 44.4 |
| 1315 | 89.5 | 72.6 | 43.7 |
| 1316 | 90.1 | 73.0 | 46.1 |
| 1317 | 90.4 | 73.0 | 40.7 |
| 1318 | 90.5 | 73.5 | 49.5 |
| 1319 | 90.9 | 73.1 | 27.0 |
| 1320 | 91.1 | 73.2 | 15.0 |
| 1321 | 90.7 | 73.0 | 18.7 |
| 1322 | 90.5 | 72.9 | 8.4 |
| 1323 | 90.3 | 72.7 | 8.7 |
| 1324 | 90.1 | 72.8 | 21.6 |
| 1325 | 89.6 | 72.5 | 19.7 |
| 1326 | 89.5 | 72.6 | 22.1 |
| 1327 | 89.5 | 72.6 | 20.3 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque $\%$ |
| :---: | :---: | :---: | :---: |
| 1328 | 89.2 | 71.7 | 19.1 |
| 1329 | 88.4 | 71.5 | 17.1 |
| 1330 | 88.5 | 71.1 | -1.4 |
| 1331 | 87.6 | 71.3 | 22.0 |
| 1332 | 87.7 | 71.0 | 40.3 |
| 1333 | 87.7 | 71.2 | 34.3 |
| 1334 | 87.8 | 70.9 | 16.1 |
| 1335 | 88.1 | 70.8 | 16.6 |
| 1336 | 87.3 | 70.7 | 18.5 |
| 1337 | 87.8 | 70.8 | 29.8 |
| 1338 | 87.6 | 71.0 | 19.5 |
| 1339 | 87.6 | 71.0 | 22.3 |
| 1340 | 87.8 | 71.4 | 35.8 |
| 1341 | 88.0 | 71.4 | 42.9 |
| 1342 | 87.8 | 71.5 | 31.0 |
| 1343 | 88.5 | 71.4 | 19.2 |
| 1344 | 88.3 | 71.1 | 9.3 |
| 1345 | 87.8 | 71.0 | 44.2 |
| 1346 | 87.5 | 71.0 | 55.3 |
| 1347 | 87.5 | 71.2 | 56.0 |
| 1348 | 87.5 | 71.0 | 60.1 |
| 1349 | 87.2 | 70.9 | 59.1 |
| 1350 | 87.3 | 71.0 | 56.8 |
| 1351 | 86.9 | 70.9 | 58.1 |
| 1352 | 86.5 | 70.0 | 78.4 |
| 1353 | 85.7 | 70.1 | 84.6 |
| 1354 | 85.7 | 70.0 | 66.6 |
| 1355 | 85.8 | 69.9 | 75.5 |
| 1356 | 85.4 | 69.5 | 49.6 |
| 1357 | 85.8 | 69.7 | 75.8 |
| 1358 | 85.7 | 69.6 | 77.6 |
| 1359 | 85.7 | 69.6 | 67.8 |
| 1360 | 86.1 | 69.6 | 56.7 |
| 45 |  |  |  |



| Time s | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1394 | 87.0 | 70.2 | 41.6 |
| 1395 | 87.0 | 70.4 | 47.3 |
| 1396 | 87.4 | 70.7 | 55.4 |
| 1397 | 87.5 | 71.0 | 58.7 |
| 1398 | 87.9 | 71.4 | 37.9 |
| 1399 | 87.8 | 71.2 | 38.3 |
| 1400 | 87.8 | 71.4 | 58.7 |
| 1401 | 88.0 | 71.3 | 51.3 |
| 1402 | 88.1 | 71.4 | 71.1 |
| 1403 | 87.8 | 71.2 | 51.0 |
| 1404 | 87.5 | 71.5 | 56.6 |
| 1405 | 87.6 | 71.1 | 60.6 |
| 1406 | 88.0 | 71.2 | 75.4 |
| 1407 | 87.7 | 71.4 | 69.4 |
| 1408 | 88.6 | 71.5 | 69.9 |
| 1409 | 88.3 | 71.6 | 59.6 |
| 1410 | 88.4 | 71.7 | 54.8 |
| 1411 | 87.7 | 71.5 | 53.6 |
| 1412 | 88.0 | 71.3 | 53.5 |
| 1413 | 88.0 | 71.4 | 52.9 |
| 1414 | 88.1 | 71.2 | 54.1 |
| 1415 | 87.6 | 71.3 | 53.2 |
| 1416 | 87.6 | 71.2 | 52.2 |
| 1417 | 88.3 | 71.3 | 52.3 |
| 1418 | 87.9 | 71.1 | 48.0 |
| 1419 | 88.2 | 71.0 | 41.5 |
| 1420 | 87.6 | 71.1 | 32.2 |
| 1421 | 87.7 | 70.9 | 22.0 |
| 1422 | 87.5 | 70.9 | 23.3 |
| 1423 | 87.6 | 71.0 | 38.8 |
| 1424 | 87.6 | 71.1 | 40.7 |
| 1425 | 88.0 | 71.1 | 30.6 |
| 1426 | 87.9 | 71.3 | 62.6 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1427 | 88.4 | 71.6 | 55.9 |
| 1428 | 88.4 | 72.1 | 43.4 |
| 1429 | 89.2 | 72.1 | 37.4 |
| 1430 | 89.1 | 72.0 | 35.7 |
| 1431 | 88.6 | 72.4 | 34.4 |
| 1432 | 88.8 | 72.4 | 31.5 |
| 1433 | 89.2 | 72.5 | 31.7 |
| 1434 | 88.9 | 72.5 | 29.9 |
| 1435 | 89.3 | 72.4 | 29.4 |
| 1436 | 88.8 | 72.4 | 28.7 |
| 1437 | 88.9 | 71.5 | 14.7 |
| 1438 | 88.6 | 71.8 | 17.2 |
| 1439 | 88.5 | 71.5 | 6.1 |
| 1440 | 88.0 | 71.1 | 9.9 |
| 1441 | 88.0 | 71.0 | 4.8 |
| 1442 | 87.5 | 70.8 | 11.1 |
| 1443 | 87.9 | 70.6 | 6.9 |
| 1444 | 87.6 | 71.0 | 7.0 |
| 1445 | 87.3 | 70.5 | 9.2 |
| 1446 | 87.2 | 70.7 | 21.7 |
| 1447 | 86.9 | 70.5 | 22.4 |
| 1448 | 87.0 | 70.9 | 31.6 |
| 1449 | 87.4 | 71.0 | 28.9 |
| 1450 | 87.2 | 70.1 | 21.7 |
| 1451 | 86.5 | 70.5 | 18.0 |
| 1452 | 86.8 | 70.0 | 16.7 |
| 1453 | 87.0 | 70.2 | 15.7 |
| 1454 | 86.8 | 70.0 | 15.7 |
| 1455 | 86.2 | 69.9 | 15.7 |
| 1456 | 85.9 | 69.6 | 7.5 |
| 1457 | 85.9 | 69.5 | 7.1 |
| 1458 | 85.8 | 69.4 | 16.5 |
| 1459 | 86.0 | 69.8 | 50.7 |
|  | 48 |  |  |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | $\%$ |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1493 | 85.8 | 68.6 | -9.2 |
| 1494 | 84.9 | 69.1 | 9.5 |
| 1495 | 84.8 | 68.3 | 6.0 |
| 1496 | 85.1 | 68.4 | 27.3 |
| 1497 | 85.5 | 69.1 | 59.9 |
| 1498 | 85.9 | 69.1 | 7.3 |
| 1499 | 85.8 | 69.5 | 21.7 |
| 1500 | 86.3 | 69.5 | 38.9 |
| 1501 | 86.3 | 70.0 | 26.2 |
| 1502 | 86.3 | 69.7 | 25.5 |
| 1503 | 86.4 | 69.7 | 26.0 |
| 1504 | 86.2 | 69.6 | 39.1 |
| 1505 | 86.2 | 70.0 | 52.3 |
| 1506 | 86.5 | 69.9 | 31.0 |
| 1507 | 86.2 | 69.9 | 27.0 |
| 1508 | 86.3 | 70.0 | 29.8 |
| 1509 | 86.6 | 70.0 | 23.1 |
| 1510 | 86.7 | 69.5 | 16.0 |
| 1511 | 86.3 | 69.6 | 31.5 |
| 1512 | 85.9 | 69.5 | 25.9 |
| 1513 | 85.9 | 69.5 | 40.2 |
| 1514 | 86.1 | 69.5 | 28.4 |
| 1515 | 86.0 | 69.5 | 38.9 |
| 1516 | 86.4 | 69.7 | 35.3 |
| 1517 | 86.3 | 69.5 | 30.3 |
| 1518 | 86.1 | 69.6 | 19.0 |
| 1519 | 85.4 | 69.4 | 3.0 |
| 1520 | 85.4 | 68.8 | -1.7 |
| 1521 | 84.9 | 68.9 | 2.4 |
| 1522 | 84.7 | 68.2 | -12.1 |
| 1523 | 84.5 | 68.0 | -13.7 |
| 1524 | 83.8 | 67.9 | 5.3 |
| 1525 | 83.8 | 67.9 | 2.1 |
|  | 50 |  |  |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1526 | 83.9 | 68.0 | -11.1 |
| 1527 | 83.9 | 67.6 | -14.0 |
| 1528 | 83.6 | 67.6 | -7.9 |
| 1529 | 83.6 | 67.4 | -0.6 |
| 1530 | 83.7 | 68.0 | -1.0 |
| 1531 | 84.3 | 67.9 | 3.8 |
| 1532 | 84.5 | 68.1 | -13.4 |
| 1533 | 84.8 | 68.1 | -14.7 |
| 1534 | 84.6 | 68.4 | -14.7 |
| 1535 | 85.0 | 68.4 | -3.3 |
| 1536 | 85.6 | 69.1 | 13.9 |
| 1537 | 86.2 | 69.3 | -4.6 |
| 1538 | 86.8 | 69.7 | -7.9 |
| 1539 | 87.5 | 70.0 | -15.2 |
| 1540 | 87.1 | 70.1 | -14.8 |
| 1541 | 86.3 | 70.0 | -14.8 |
| 1542 | 86.7 | 70.1 | 0.5 |
| 1543 | 86.5 | 69.9 | 9.2 |
| 1544 | 86.6 | 70.0 | 11.2 |
| 1545 | 86.1 | 69.7 | 26.8 |
| 1546 | 86.1 | 69.6 | 11.7 |
| 1547 | 85.9 | 69.5 | 6.4 |
| 1548 | 86.0 | 69.4 | 5.0 |
| 1549 | 85.8 | 68.5 | -12.8 |
| 1550 | 85.1 | 68.4 | -14.2 |
| 1551 | 84.4 | 68.2 | 1.1 |
| 1552 | 84.6 | 68.2 | -2.6 |
| 1553 | 84.7 | 68.1 | 4.5 |
| 1554 | 84.9 | 68.2 | 3.7 |
| 1555 | 85.1 | 68.4 | 3.3 |
| 1556 | 84.9 | 68.4 | 16.8 |
| 1557 | 85.6 | 69.0 | 29.3 |
| 1558 | 85.5 | 69.4 | 12.5 |
| 51 |  |  |  |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1559 | 85.8 | 69.1 | 12.2 |
| 1560 | 86.2 | 69.3 | 12.7 |
| 1561 | 86.5 | 69.6 | 13.6 |
| 1562 | 86.6 | 70.2 | 21.9 |
| 1563 | 87.1 | 69.9 | 20.9 |
| 1564 | 87.6 | 70.1 | 19.2 |
| 1565 | 87.7 | 70.5 | 15.9 |
| 1566 | 87.9 | 70.9 | 16.7 |
| 1567 | 87.5 | 70.9 | 18.1 |
| 1568 | 87.5 | 70.9 | 40.6 |
| 1569 | 87.8 | 70.9 | 59.7 |
| 1570 | 87.5 | 71.2 | 66.8 |
| 1571 | 87.4 | 71.2 | 58.8 |
| 1572 | 87.2 | 71.0 | 64.7 |
| 1573 | 87.2 | 70.5 | 63.6 |
| 1574 | 86.9 | 70.9 | 83.2 |
| 1575 | 87.6 | 70.6 | 82.2 |
| 1576 | 86.9 | 70.4 | 80.5 |
| 1577 | 87.1 | 70.3 | 78.7 |
| 1578 | 87.2 | 71.0 | 67.9 |
| 1579 | 86.6 | 70.7 | 57.7 |
| 1580 | 86.7 | 70.5 | 60.6 |
| 1581 | 86.8 | 70.1 | 72.7 |
| 1582 | 86.7 | 70.3 | 73.6 |
| 1583 | 86.4 | 70.2 | 74.1 |
| 1584 | 86.7 | 70.0 | 84.6 |
| 1585 | 86.5 | 70.0 | 76.1 |
| 1586 | 86.7 | 70.5 | 76.9 |
| 1587 | 86.7 | 70.0 | 84.6 |
| 1588 | 86.5 | 70.2 | 77.5 |
| 1589 | 87.0 | 70.8 | 67.9 |
| 1590 | 86.8 | 69.9 | 47.3 |
| 1591 | 86.3 | 69.9 | 43.1 |
|  | 52 |  |  |


| Time $s$ | Vehicle speed $\mathrm{km} / \mathrm{h}$ | Related engine speed | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1592 | 86.3 | 69.9 | 38.3 |
| 1593 | 86.2 | 69.4 | 38.2 |
| 1594 | 85.6 | 69.5 | 39.2 |
| 1595 | 86.1 | 69.7 | 67.9 |
| 1596 | 86.4 | 70.1 | 60.5 |
| 1597 | 86.9 | 70.0 | 32.9 |
| 1598 | 87.0 | 70.0 | 20.0 |
| 1599 | 86.8 | 70.0 | 34.4 |
| 1600 | 86.6 | 69.9 | 23.9 |
| 1601 | 86.6 | 70.0 | 15.7 |
| 1602 | 87.2 | 70.3 | 41.0 |
| 1603 | 87.0 | 70.7 | 26.3 |
| 1604 | 86.9 | 70.0 | 14.0 |
| 1605 | 86.8 | 70.1 | 21.2 |
| 1606 | 87.2 | 71.0 | 19.6 |
| 1607 | 87.5 | 70.5 | 34.3 |
| 1608 | 87.6 | 70.3 | 27.0 |
| 1609 | 87.7 | 71.0 | 25.6 |
| 1610 | 87.7 | 70.8 | 26.3 |
| 1611 | 87.8 | 71.0 | 26.1 |
| 1612 | 88.0 | 71.2 | 38.0 |
| 1613 | 88.2 | 71.3 | 31.6 |
| 1614 | 88.2 | 71.4 | 30.6 |
| 1615 | 88.3 | 71.6 | 29.6 |
| 1616 | 88.7 | 71.5 | 28.8 |
| 1617 | 88.8 | 71.6 | 27.8 |
| 1618 | 88.9 | 72.0 | 20.3 |
| 1619 | 89.0 | 71.4 | 19.6 |
| 1620 | 89.1 | 71.7 | 19.7 |
| 1621 | 88.4 | 71.7 | 18.7 |
| 1622 | 89.1 | 71.5 | 17.7 |
| 1623 | 89.1 | 71.6 | 8.7 |
| 1624 | 88.5 | 71.6 | 1.4 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1625 | 88.6 | 71.6 | 5.9 |
| 1626 | 88.6 | 71.3 | 8.1 |
| 1627 | 89.0 | 71.8 | 45.8 |
| 1628 | 89.0 | 71.4 | 31.5 |
| 1629 | 89.2 | 71.6 | 22.3 |
| 1630 | 88.8 | 72.1 | 21.7 |
| 1631 | 89.0 | 72.5 | 21.9 |
| 1632 | 89.0 | 72.0 | 22.2 |
| 1633 | 88.8 | 72.2 | 31.0 |
| 1634 | 89.2 | 72.0 | 31.3 |
| 1635 | 89.7 | 72.3 | 31.7 |
| 1636 | 89.5 | 72.0 | 22.8 |
| 1637 | 89.4 | 72.4 | 12.6 |
| 1638 | 89.3 | 72.0 | 15.2 |
| 1639 | 89.4 | 71.8 | 32.6 |
| 1640 | 89.3 | 72.2 | 23.1 |
| 1641 | 89.3 | 71.6 | 19.4 |
| 1642 | 88.7 | 71.6 | 10.8 |
| 1643 | 89.2 | 71.5 | 10.2 |
| 1644 | 88.8 | 71.4 | -14.6 |
| 1645 | 88.5 | 71.0 | -14.0 |
| 1646 | 88.3 | 70.9 | -12.3 |
| 1647 | 88.2 | 71.1 | 12.4 |
| 1648 | 87.7 | 70.7 | 5.3 |
| 1649 | 87.6 | 71.1 | 13.1 |
| 1650 | 87.5 | 70.9 | 29.6 |
| 1651 | 88.2 | 70.7 | 28.9 |
| 1652 | 87.9 | 71.0 | 27.1 |
| 1653 | 88.0 | 71.2 | 27.3 |
| 1654 | 88.4 | 71.0 | 20.6 |
| 1655 | 88.1 | 71.2 | 13.9 |
| 1656 | 88.1 | 70.9 | 13.4 |
| 1657 | 88.3 | 71.3 | 26.1 |
| 54 |  |  |  |


| Time s | Vehicle speed $\mathrm{km} / \mathrm{h}$ | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1658 | 88.3 | 71.0 | 23.7 |
| 1659 | 87.9 | 71.4 | 32.1 |
| 1660 | 88.2 | 71.6 | 33.5 |
| 1661 | 88.7 | 71.7 | 34.1 |
| 1662 | 89.0 | 71.6 | 17.0 |
| 1663 | 88.6 | 71.6 | 2.5 |
| 1664 | 88.7 | 71.5 | 5.9 |
| 1665 | 88.5 | 71.3 | 14.9 |
| 1666 | 88.8 | 71.5 | 17.2 |
| 1667 | 88.9 | 71.2 | -13.8 |
| 1668 | 88.9 | 71.4 | -14.2 |
| 1669 | 88.1 | 71.4 | 8.8 |
| 1670 | 88.9 | 71.3 | 8.8 |
| 1671 | 88.1 | 71.1 | 18.0 |
| 1672 | 88.7 | 71.5 | 13.0 |
| 1673 | 88.3 | 71.1 | 3.7 |
| 1674 | 88.2 | 71.0 | 3.1 |
| 1675 | 88.0 | 71.0 | 4.7 |
| 1676 | 88.0 | 70.8 | 4.1 |
| 1677 | 87.7 | 70.8 | 6.7 |
| 1678 | 87.4 | 70.8 | 12.8 |
| 1679 | 87.7 | 70.9 | 11.9 |
| 1680 | 87.6 | 70.8 | 12.4 |
| 1681 | 87.5 | 70.5 | 12.4 |
| 1682 | 87.7 | 70.7 | 12.0 |
| 1683 | 87.7 | 70.6 | 11.8 |
| 1684 | 87.5 | 70.3 | 12.4 |
| 1685 | 87.2 | 70.0 | 12.4 |
| 1686 | 87.1 | 70.0 | 9.1 |
| 1687 | 87.0 | 70.3 | -13.6 |
| 1688 | 87.0 | 70.3 | 20.4 |
| 1689 | 87.0 | 70.2 | 4.4 |
| 1690 | 86.5 | 69.9 | 3.1 |


| Time $s$ | Vehicle speed km/h | Related engine speed $\%$ | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1691 | 86.8 | 70.0 | 26.3 |
| 1692 | 86.8 | 70.1 | 20.1 |
| 1693 | 87.2 | 69.9 | 35.0 |
| 1694 | 87.4 | 71.0 | 22.1 |
| 1695 | 87.7 | 70.7 | 12.2 |
| 1696 | 87.6 | 70.4 | 11.0 |
| 1697 | 87.4 | 70.4 | 8.2 |
| 1698 | 86.9 | 70.7 | 6.7 |
| 1699 | 87.4 | 70.4 | 5.1 |
| 1700 | 87.2 | 70.4 | 5.1 |
| 1701 | 87.4 | 70.4 | 9.0 |
| 1702 | 87.2 | 70.4 | 5.7 |
| 1703 | 86.7 | 70.3 | 8.5 |
| 1704 | 86.4 | 70.0 | 6.0 |
| 1705 | 86.8 | 70.0 | 5.5 |
| 1706 | 87.0 | 70.0 | 14.2 |
| 1707 | 87.0 | 70.0 | 6.2 |
| 1708 | 86.2 | 70.0 | 10.3 |
| 1709 | 87.0 | 70.0 | 13.8 |
| 1710 | 86.9 | 70.0 | 13.9 |
| 1711 | 87.3 | 70.4 | 18.9 |
| 1712 | 87.1 | 70.0 | 13.1 |
| 1713 | 87.1 | 70.2 | 5.4 |
| 1714 | 87.1 | 70.3 | 2.9 |
| 1715 | 87.1 | 70.4 | 7.1 |
| 1716 | 87.1 | 70.1 | 12.0 |
| 1717 | 86.5 | 70.1 | 4.9 |
| 1718 | 86.7 | 70.0 | 22.7 |
| 1719 | 86.9 | 70.1 | 22.0 |
| 1720 | 87.0 | 70.5 | 17.4 |
| 1721 | 87.2 | 70.5 | 16.6 |
| 1722 | 87.3 | 70.0 | 28.6 |
| 1723 | 87.5 | 70.6 | 22.4 |
| 56 |  |  |  |


| Time $s$ | Vehicle speed <br> km/h | Related engine speed <br> \% | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1724 | 87.8 | 70.3 | 20.0 |
| 1725 | 87.7 | 70.5 | 18.6 |
| 1726 | 88.1 | 70.6 | 11.9 |
| 1727 | 87.8 | 70.6 | 11.6 |
| 1728 | 87.8 | 70.8 | 10.6 |
| 1729 | 87.6 | 71.0 | 16.0 |
| 1730 | 88.3 | 71.0 | 17.0 |
| 1731 | 88.0 | 71.0 | 16.1 |
| 1732 | 88.1 | 70.9 | 11.4 |
| 1733 | 87.6 | 71.0 | 11.3 |
| 1734 | 88.0 | 71.2 | 11.2 |
| 1735 | 87.9 | 71.2 | 25.6 |
| 1736 | 88.5 | 71.1 | 14.6 |
| 1737 | 88.5 | 71.1 | 10.4 |
| 1738 | 88.2 | 70.8 | -13.4 |
| 1739 | 87.9 | 71.0 | -12.7 |
| 1740 | 87.6 | 71.0 | 4.8 |
| 1741 | 87.3 | 70.3 | -13.6 |
| 1742 | 87.2 | 70.2 | -32.9 |
| 1743 | 86.4 | 69.7 | -31.9 |
| 1744 | 86.2 | 69.5 | -13.0 |
| 1745 | 86.1 | 69.5 | -13.4 |
| 1746 | 85.7 | 69.0 | -13.4 |
| 1747 | 85.4 | 69.2 | 14.3 |
| 1748 | 85.7 | 68.5 | 4.4 |
| 1749 | 85.3 | 68.8 | -4.9 |
| 1750 | 85.2 | 68.7 | 20.9 |
| 1751 | 85.1 | 69.1 | 9.2 |
| 1752 | 85.2 | 68.7 | 8.2 |
| 1753 | 85.2 | 68.5 | 15.3 |
| 1754 | 85.5 | 69.2 | 38.0 |
| 1755 | 85.6 | 69.0 | 15.4 |
| 1756 | 86.0 | 69.5 | 11.8 |
| 57 |  |  |  |


| Time $s$ | Vehicle speed km/h | Related engine speed \% | Related engine torque \% |
| :---: | :---: | :---: | :---: |
| 1757 | 85.6 | 69.1 | 8.1 |
| 1758 | 85.6 | 69.1 | 5.5 |
| 1759 | 85.5 | 69.6 | 4.1 |
| 1760 | 85.6 | 69.0 | 4.9 |
| 1761 | 85.3 | 68.8 | 10.1 |
| 1762 | 85.6 | 69.3 | 7.5 |
| 1763 | 85.6 | 68.5 | 7.0 |
| 1764 | 85.3 | 69.0 | 6.7 |
| 1765 | 85.1 | 69.0 | 6.6 |
| 1766 | 85.0 | 68.4 | 17.3 |
| 1767 | 84.9 | 68.9 | 11.4 |
| 1768 | 85.0 | 68.5 | 47.4 |
| 1769 | 85.2 | 68.5 | 28.8 |
| 1770 | 85.3 | 69.5 | 24.3 |
| 1771 | 85.6 | 68.7 | 25.5 |
| 1772 | 85.6 | 69.2 | 35.5 |
| 1773 | 85.7 | 69.2 | 29.3 |
| 1774 | 85.8 | 69.6 | 33.8 |
| 1775 | 86.2 | 69.6 | 18.7 |
| 1776 | 86.2 | 69.5 | 9.8 |
| 1777 | 86.1 | 69.5 | 23.9 |
| 1778 | 86.2 | 69.7 | 48.2 |
| 1779 | 86.2 | 70.0 | 37.2 |
| 1780 | 86.8 | 70.0 | 29.1 |
| 1781 | 72.3 | 62.5 | 25.0 |
| 1782 | 57.9 | 55.0 | 20.0 |
| 1783 | 43.4 | 47.5 | 15.0 |
| 1784 | 28.9 | 40.0 | 10.0 |
| 1785 | 14.5 | 32.5 | 5.0 |
| 1786 | 0.4 | 28.4 | 1.3 |
| 1787 | 0.4 | 27.8 | 0.8 |
| 1788 | 0.3 | 28.7 | 0.7 |
| 1789 | 0.4 | 27.8 | 1.8 |
| 58 |  |  |  |


| Time | Vehicle speed | Related engine speed | Related engine <br> torque |
| :--- | :--- | :--- | :--- |
| $s$ | $k m / h$ | $\%$ | 0.4 |
| 1790 | 0.4 | 28.4 | 1.2 |
| 1791 | 0.4 | 28.3 | 0.8 |
| 1792 | 0.4 | 27.8 | 0.0 |
| 1793 | 0.4 | 27.9 | 1.3 |
| 1794 | 0.4 | 28.4 | 0.8 |
| 1795 | 0.4 | 28.8 | 0.8 |
| 1796 | 0.4 | 27.7 | 0.4 |
| 1797 | 0.5 | 28.4 | 1.8 |
| 1798 | 0.4 | 27.8 | 0.2 |
| 1799 | 0.4 | 28.2 | 0.0 |
| 1800 | 0.4 | 27.9 |  |

## EXPLANATORY NOTE

## (This note is not part of the Regulations)

These Regulations prescribe type approval requirements for reduced pollution devices, that is to say devices fitted to the engines of vehicles so as to adapt them to fulfil reduced pollution requirements prescribed under the Vehicle Excise Duty (Reduced Pollution) Regulations 1998. By virtue of amendments made by Schedule 1 to the Finance Act 1998, lower rates of vehicle excise duty apply to vehicles within particular classes in Schedule 1 to the Vehicle Excise and Registration Act 1994, if they meet the reduced pollution requirements.
Regulation 3 and the Schedule specify type approval and marking requirements. Regulation 4 specifies provisions of the Motor Vehicles (Type Approval for Goods Vehicles) Regulations 1982 which are to apply with modifications for the type approval of reduced pollution devices under these Regulations.


[^0]:    (1) 1988 c. 52; section 61 was amended by the Road Traffic Act 1991 (c. 40), Schedule 8.
    (2) S.I. 1998/3094

[^1]:    (3) OJNo. L36, 9.2.88, page 3.
    (4) OJ No. L295, 25.10.91, page 1.
    (5) OJ No. 98/C 173/1, 8.6.98, page 18.
    (6) S.I. 1982/1271; relevant amending instruments are S.I. 1992/3084, 1995/1323.

