



# PROCÈS-VERBAL DE CONTRÔLE TECHNIQUE

# AUTOSUR

N° d'imprimé : S 640827013

| <b>NATURE DU CONTRÔLE</b>                                                                                                                     |          | <b>(3) DATE DU CONTRÔLE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         | <b>N° DU PROCÈS-VERBAL</b> |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------|--|--|-------|--|---------|--|---|---|---|---|-------------------------------|----------|--|--|--|---------------------------------------|----|--|----|--|----------------------------|--------|--|--------|--|---------------------------|--|--|--|--|----------------------|--------|--------|--------|--------|----------------------|----|--|-----|--|-----------------------------------|--------|--------|--------|--------|----------------------------|-----|--|--|--|----------------------------------------------------------------|--|--|--|--|------------------------------------|--|--|--|--|---------------------------------------------------------|--|--|--|--|-------------------------------------------|-------|-------|--|--|
| Contrôle technique périodique                                                                                                                 |          | 13/10/2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 26119715                   |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(7) RÉSULTAT DU CONTRÔLE</b>                                                                                                               |          | <b>(6) DÉFAILLANCES ET NIVEAUX DE GRAVITÉ</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Favorable                                                                                                                                     |          | <p><b>Défaillance(s) mineure(s)</b><br/>6.2.4.a.1. PLANCHER : Plancher détérioré, ARD.</p> <p><b>Kilométrages relevés lors des précédents contrôles techniques depuis le 20 mai 2018 :</b><br/>08/07/2025 : 51793km /</p> <p>Afin de faciliter les campagnes de rappel graves, vos données de contact ont été collectées. Pour exercer vos droits d'accès, rectification ou suppression de vos données, veuillez consulter le site internet <a href="https://www.utac-otc.com">https://www.utac-otc.com</a>, rubrique « infos pratiques ».</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(8) LIMITE DE VALIDITÉ DU CONTRÔLE RÉALISÉ</b>                                                                                             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| 12/10/2028                                                                                                                                    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>NATURE DU PROCHAIN CONTRÔLE</b>                                                                                                            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Contrôle technique périodique                                                                                                                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>IDENTIFICATION DU CENTRE DE CONTRÔLE</b>                                                                                                   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| N° D'AGRÈMENT : S0565033                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(9) RAISON SOCIALE : SO.SEC.AUTO.</b>                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(3) COORDONNÉES :</b><br>Tel. : 0297810617<br>ZI de Kerpont<br>56600 LANESTER                                                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(9) IDENTIFICATION DU CONTRÔLEUR</b>                                                                                                       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| N° D'AGRÈMENT : 05650064<br>SIGNATURE :                    |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>IDENTIFICATION DU VÉHICULE</b>                                                                                                             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(2) Immatriculation et pays</b> Date d'immatriculation Date de 1 <sup>ère</sup> mise en circulation<br>FV-268-SB (F) 09/12/2020 09/12/2020 |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Marque Désignation commerciale<br>VOLKSWAGEN GOLF                                                                                             |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(1) N° dans la série du type (VIN)</b> <b>(5) Catégorie internationale</b> <b>Genre</b><br>WVVZZZCDZMW065268 M1 VP                         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Type/CNIT Énergie<br>M10VWGVWPW91K697 GO                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Document(s) présenté(s)<br>Photocopie du certificat d'immatriculation visée par un commissaire-priseur ou un huissier de justice              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>(4) KILOMÉTRAGE RELEVÉ</b>                                                                                                                 |          | <b>MESURES RÉALISÉES ET VALEURS LIMITES CORRESPONDANTES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| 70149                                                                                                                                         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>INFORMATIONS SUR LE CONTRÔLE TECHNIQUE DÉFAVORABLE</b>                                                                                     |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| PROCÈS-VERBAL N° :<br>N° D'AGRÈMENT DU CENTRE :                                                                                               |          | <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">AVANT</th> <th colspan="2">ARRIÈRE</th> </tr> <tr> <th>G</th> <th>D</th> <th>G</th> <th>D</th> </tr> </thead> <tbody> <tr> <td><b>Ripage</b> (-8 à + 8m/km):</td> <td colspan="4">+1.4m/Km</td> </tr> <tr> <td><b>Dissymétrie suspension</b> (≤30%):</td> <td colspan="2">2%</td> <td colspan="2">4%</td> </tr> <tr> <td><b>Forces verticales :</b></td> <td colspan="2">900daN</td> <td colspan="2">534daN</td> </tr> <tr> <td><b>Frein de service :</b></td> <td colspan="4"></td> </tr> <tr> <td>Forces de freinage :</td> <td>337daN</td> <td>310daN</td> <td>200daN</td> <td>177daN</td> </tr> <tr> <td>Déséquilibre (&lt;20%):</td> <td colspan="2">9%</td> <td colspan="2">12%</td> </tr> <tr> <td>Forces de freinage (efficacité) :</td> <td>337daN</td> <td>310daN</td> <td>200daN</td> <td>177daN</td> </tr> <tr> <td>Taux d'efficacité (≥ 58%):</td> <td colspan="4">71%</td> </tr> <tr> <td><b>Frein de stationnement :</b> Taux d'efficacité (≥ 18%): 20%</td> <td colspan="4"></td> </tr> <tr> <td><b>Emissions à l'échappement :</b></td> <td colspan="4"></td> </tr> <tr> <td>Opacité des fumées (0.11m-1): C1: &lt;0.10m-1 C2: &lt;0.10m-1</td> <td colspan="4"></td> </tr> <tr> <td><b>Feux de croisement</b> (-2,5% à -0,5%)</td> <td>-1.9%</td> <td>-1.3%</td> <td colspan="2"></td> </tr> </tbody> </table> |         |                            |  |  | AVANT |  | ARRIÈRE |  | G | D | G | D | <b>Ripage</b> (-8 à + 8m/km): | +1.4m/Km |  |  |  | <b>Dissymétrie suspension</b> (≤30%): | 2% |  | 4% |  | <b>Forces verticales :</b> | 900daN |  | 534daN |  | <b>Frein de service :</b> |  |  |  |  | Forces de freinage : | 337daN | 310daN | 200daN | 177daN | Déséquilibre (<20%): | 9% |  | 12% |  | Forces de freinage (efficacité) : | 337daN | 310daN | 200daN | 177daN | Taux d'efficacité (≥ 58%): | 71% |  |  |  | <b>Frein de stationnement :</b> Taux d'efficacité (≥ 18%): 20% |  |  |  |  | <b>Emissions à l'échappement :</b> |  |  |  |  | Opacité des fumées (0.11m-1): C1: <0.10m-1 C2: <0.10m-1 |  |  |  |  | <b>Feux de croisement</b> (-2,5% à -0,5%) | -1.9% | -1.3% |  |  |
|                                                                                                                                               | AVANT    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ARRIÈRE |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
|                                                                                                                                               | G        | D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | G       | D                          |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>Ripage</b> (-8 à + 8m/km):                                                                                                                 | +1.4m/Km |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>Dissymétrie suspension</b> (≤30%):                                                                                                         | 2%       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4%      |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>Forces verticales :</b>                                                                                                                    | 900daN   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 534daN  |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>Frein de service :</b>                                                                                                                     |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Forces de freinage :                                                                                                                          | 337daN   | 310daN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200daN  | 177daN                     |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Déséquilibre (<20%):                                                                                                                          | 9%       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 12%     |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Forces de freinage (efficacité) :                                                                                                             | 337daN   | 310daN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200daN  | 177daN                     |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Taux d'efficacité (≥ 58%):                                                                                                                    | 71%      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>Frein de stationnement :</b> Taux d'efficacité (≥ 18%): 20%                                                                                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>Emissions à l'échappement :</b>                                                                                                            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| Opacité des fumées (0.11m-1): C1: <0.10m-1 C2: <0.10m-1                                                                                       |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |
| <b>Feux de croisement</b> (-2,5% à -0,5%)                                                                                                     | -1.9%    | -1.3%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |         |                            |  |  |       |  |         |  |   |   |   |   |                               |          |  |  |  |                                       |    |  |    |  |                            |        |  |        |  |                           |  |  |  |  |                      |        |        |        |        |                      |    |  |     |  |                                   |        |        |        |        |                            |     |  |  |  |                                                                |  |  |  |  |                                    |  |  |  |  |                                                         |  |  |  |  |                                           |       |       |  |  |