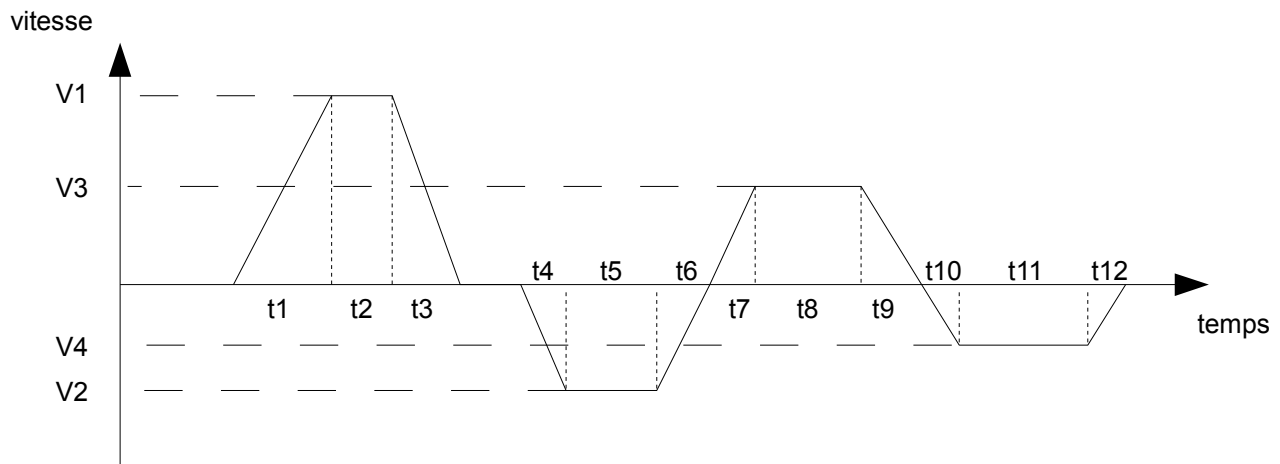


# Calcul du temps recommandé entre chaque graissage



$$V_{rms} = \sqrt{\frac{0,5 \cdot v_1^2 t_1 + v_1^2 t_2 + 0,5 \cdot v_1^2 t_3 + \dots + 0,5 \cdot v_4^2 t_{10} + v_4^2 t_{11} + 0,5 \cdot v_4^2 t_{12}}{t_1 + t_2 + t_3 + \dots + t_{10} + t_{11} + t_{12}}}$$

It is important to use RMS rotational speed to determine lubrication renewal period. To determine this value follow the equation below:

$$V_{rms} = [(V_1^2 t_1 + V_2^2 t_2 + V_3^2 t_3 + \dots) / (t_1 + t_2 + t_3 + \dots)]^{1/2}$$

| RMS Rotational Speed (rpm) | Recommended Lubrication Renewal Period (hours) |
|----------------------------|------------------------------------------------|
| 250                        | 10,000                                         |
| 500                        | 10,000                                         |
| 1000                       | 8000                                           |
| 1500                       | 7000                                           |
| 2000                       | 5800                                           |
| 2500                       | 5000                                           |