

**VSCC Annual Touring Mileage Emissions Calculator**

Version 1  
 Date 22/01/2023

Note: Derived from VSCC Events Tonnage CO2 Calculator;  
 for guidance only.

**Constants**

CO2 (t) per gallon used 0.01278 (Clear.eco)  
 Recover cost / tonne £ 20.50 (Tree-V)

Avg MPG: 10 15 20 25 30

<b>Recover Cost @10mpg</b>				
<u>Miles</u>	<u>Gallons used</u>	<u>tCO2 emitted</u>	<u>1 to 1</u>	<u>4 to 1</u>
1000	100	1.27802144	£ 26.20	£ 104.80
2000	200	2.55604288	£ 52.40	£ 209.60
3000	300	3.83406432	£ 78.60	£ 314.39
4000	400	5.11208576	£ 104.80	£ 419.19
5000	500	6.3901072	£ 131.00	£ 523.99
10000	1000	12.7802144	£ 261.99	£ 1,047.98
15000	1500	19.1703216	£ 392.99	£ 1,571.97
20000	2000	25.5604288	£ 523.99	£ 2,095.96

<b>Recover Cost @ 15mpg</b>				
<u>Miles</u>	<u>Gallons used</u>	<u>tCO2 emitted</u>	<u>1 to 1</u>	<u>4 to 1</u>
1000	66.6666667	0.85201429	£ 17.47	£ 69.87
2000	133.333333	1.70402859	£ 34.93	£ 139.73
3000	200	2.55604288	£ 52.40	£ 209.60
4000	266.666667	3.40805717	£ 69.87	£ 279.46
5000	333.333333	4.26007147	£ 87.33	£ 349.33
10000	666.666667	8.52014293	£ 174.66	£ 698.65
15000	1000	12.7802144	£ 261.99	£ 1,047.98
20000	1333.33333	17.0402859	£ 349.33	£ 1,397.30

<b>Recover Cost @ 20mpg</b>				
<u>Miles</u>	<u>Gallons used</u>	<u>tCO2 emitted</u>	<u>1 to 1</u>	<u>4 to 1</u>
1000	50	0.63901072	£ 13.10	£ 52.40
2000	100	1.27802144	£ 26.20	£ 104.80
3000	150	1.91703216	£ 39.30	£ 157.20
4000	200	2.55604288	£ 52.40	£ 209.60
5000	250	3.1950536	£ 65.50	£ 261.99
10000	500	6.3901072	£ 131.00	£ 523.99
15000	750	9.5851608	£ 196.50	£ 785.98
20000	1000	12.7802144	£ 261.99	£ 1,047.98

<b>Recover Cost @ 25mpg</b>				
<u>Miles</u>	<u>Gallons used</u>	<u>tCO2 emitted</u>	<u>1 to 1</u>	<u>4 to 1</u>
1000	40	0.51120858	£ 10.48	£ 41.92
2000	80	1.02241715	£ 20.96	£ 83.84

3000	120	1.53362573	£ 31.44	£ <b>125.76</b>
4000	160	2.0448343	£ 41.92	£ <b>167.68</b>
5000	200	2.55604288	£ 52.40	£ <b>209.60</b>
10000	400	5.11208576	£ 104.80	£ <b>419.19</b>
15000	600	7.66812864	£ 157.20	£ <b>628.79</b>
20000	800	10.2241715	£ 209.60	£ <b>838.38</b>

			<b>Recover Cost @ 30mpg</b>	
<u>Miles</u>	<u>Gallons used</u>	<u>tCO2 emitted</u>	<u>1 to 1</u>	<u>4 to 1</u>
1000	33.3333333	0.42600715	£ 8.73	£ <b>34.93</b>
2000	66.6666667	0.85201429	£ 17.47	£ <b>69.87</b>
3000	100	1.27802144	£ 26.20	£ <b>104.80</b>
4000	133.333333	1.70402859	£ 34.93	£ <b>139.73</b>
5000	166.666667	2.13003573	£ 43.67	£ <b>174.66</b>
10000	333.333333	4.26007147	£ 87.33	£ <b>349.33</b>
15000	500	6.3901072	£ 131.00	£ <b>523.99</b>
20000	666.666667	8.52014293	£ 174.66	£ <b>698.65</b>