$$e_{CO2} = \frac{1}{5.6 \cdot 41.93 \cdot (1 - 0 - 0.25)} \cdot \left(\begin{array}{l} (1 - 0.0 - 0.25) \cdot \left(\frac{0.20 \cdot 4083}{2.8449} + \frac{0.24 \cdot 13834}{13.429} + \frac{0.56 \cdot 17018}{13.429} \right) \\ \cdot 41.93 + 0.0 \cdot 4188 + 0.25 \cdot 3709 \end{array} \right) = 228 \text{ g/ton-mile}$$