$$DF = \frac{100 \cdot \left(\frac{X}{x + y/2 + 3.76 \cdot \left(x + y/4 - z/2 \right)} \right)}{CO_{2e} + \left(HC_e + CO_e + C_{CH_3OH_e} + C_{HCHO_e} \right) \cdot 10^{-4}}$$