

Clean Emission Fluids Oliver Baer

Background:

Oliver Baer founded Clean Emission Fluids on the principle of environmental responsibility and empowering our customers with the means necessary to make a positive environmental impact while meeting or exceeding their bottom line obligations. Their mission is to serve as a dedicated support center for all items relating to Diesel Exhaust Fluid (DEF) They support the the diesel market with DEF supply, equipment and service. **Figure 1** shows one of their filling stations.



Figure 1: CEF's Biofuel and Emissions Fluids Dispensing Station

This case could be slanted in many technical directions. At UDM, we will be incorporating this case into the Heat Transfer course and students will be required to do a sample heat transfer calculation on the energy needed to maintain safe fluid temperatures in the winter. Other technical slant options include internal combustion engines, chemistry or fluids.

Outline:

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