

CASE STUDY

DIESEL EXHAUST FLUID /
DEF DISPENSING MEASUREMENT



APPLICATION:

Diesel Exhaust Fluid / DEF
Dispensing Measurement

VOLUME:

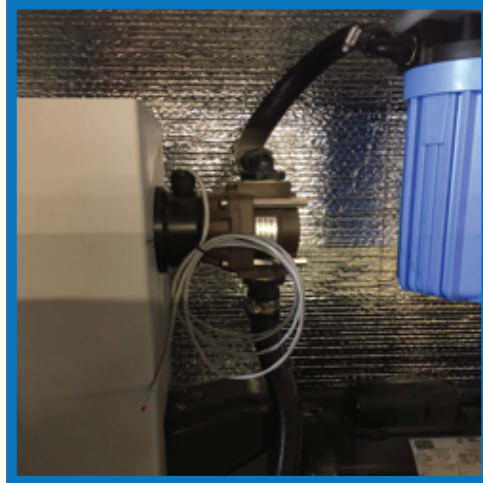
6-8 GPM

PRESSURE:

20 PSI

MEDIA:

DEF 32% Urea /
68% Deionized water



METER DATA:

Meter Data: CR025-2S1 / DR 1 " PPS Body / PPS Rotors / 17MM Display / Hall Effect
output OAL = 4.29"

SUMMARY OF APPLICATION:

A leading USA manufacturer of fueling systems selected & specified Macnaught Oval Gear Flow technology for their popular DEF dispensing packages. The CR025 PPS Body & PPS Rotor model was selected for the corrosive media conditions and the small footprint requirements. The fueling operator has visual indication of DEF volume via the Macnaught DR display. The meter's pulse output configures with the systems on-board logic system.

For over 7 years the Macnaught CR Meter has been installed in over 250 fueling locations nationwide including a number of large national trucking firms.

Routine field testing has proven the meter to be .5% accurate. The customer has reported zero meter issues to date. Additionally, this customer is moving into the Bio Blend process skid market and will be looking for Macnaught to provide similar robust flow measurement performance!