

Application Note

Level Plus[®]

Magnetostrictive Liquid Level Transmitters with Temposonics Technology

Refined Products Terminal

INDUSTRY: Oil & gas **PRODUCT:** Gasoline, Ethanol, Diesel



TEMPOSONICS SOLUTION RefineME® Transmitter

- · Accurate level measurement of the product level to ±1 mm (0.039 in.)
- Float based technology is not affected by vapor, mist, spray, dust or dielectric constant
- · Not affected by vapor recovery system. Operate full vacuum to 69 bar (1000 psi)
- · MTBF of 123 years. Field repairable if damaged
- Designed with a life span of 10 years. Temposonics has units in the field that are 30 years old

APPLICATION OVERVIEW

Automatic tank gauging for inventory monitoring of aboveground bulk storage tanks at refined products terminal on pipeline.

KEY REQUIREMENTS

- Accurate level measurement of product
- · No loss of accuracy with thick vapors or mist
- · Operate with vapor recovery units
- Reliable
- Longevity



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