

Application Note

Level Plus® Magnetostrictive Liquid-Level Transmitters with Temposonics Technology

Refined Products Terminal

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



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

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



RefineME®
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temposonics.com

UNITED STATES

Temposonics, LLC
Phone: +1 919 677-0100
E-Mail: info.us@temposonics.com

GERMANY

Temposonics GmbH & Co. KG
Phone: +49 2351 9587-0
E-Mail: info.de@temposonics.com

ITALY

Branch Office
Phone: +39 030 988 3819
E-Mail: info.it@temposonics.com

FRANCE

Branch Office
Phone: +33 614 060 728
E-Mail: info.fr@temposonics.com

UK

Branch Office
Phone: +44 79 21 83 05 86
E-Mail: info.uk@temposonics.com

SCANDINAVIA

Branch Office
Phone: +46 70 29 91 281
E-mail: info.sca@temposonics.com

CHINA

Branch Office
Phone: +86 21 2415 1000 / 2415 1001
E-Mail: info.cn@temposonics.com

JAPAN

Branch Office
Phone: +81 3 6416 1063
E-Mail: info.jp@temposonics.com