

# **Application Note**

# **Level Plus®**

# Magnetostrictive Liquid Level Transmitters with Temposonics Technology

### **Hydraulic Reservoir**

**INDUSTRY:** Pulp and Paper, Construction,

Metal Forming

**MEASURED PRODUCT:** Hydraulic fluid



#### APPLICATION OVERVIEW

Level and temperature measurement of hydraulic fluid level in hydraulic power unit reservoir that provides storage of hydraulic fluid for the hydraulic pump and system.

#### **KEY REQUIREMENTS**

- Accurate level control of hydraulic fluid level
- Temperature monitoring for overheating
- · High performance in industrial environment
- Longevity

#### **TEMPOSONICS SOLUTION**

- LL-Series LLE Transmitter
- Inherent accuracy of ± 0.5 mm (0.02")
- Integral temperature measurement from Class A PT100 RTD
- Over 40 years of installations in industrial environments around the globe from wood mills to steel mills to pharmaceutical plants to refineries
- Simple installation from a single opening in the top of the tank
- Designed life span of 10 years. Temposonics has units in the field that are 30 years old and still working.



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ISO 9001

#### Document

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