Hydraulic Oil Level Measurement Solution for the Paper Industry

Hydraulic and Lube Oil Reservoir level measurement is critical to prolong roller bearing and carriage life in paper production.

THE PROBLEM

• Changing temperatures and the contamination of lubrication and hydraulic oil create density variations that makes pressure and differential pressure level measurement systems inaccurate.

• Bubblers require constant maintenance and are affected by variations in air supply, plugging and surge pressure variations.

• Manual "stick" readings are ineffective as a method of emergency shutdown if a catastrophic hydraulic oil or lube oil failure occurs, and you only have minutes to react.

THE SOLUTION

• AMETEK Drexelbrook Universal RF Admittance systems can provide 1/4" accuracy in most common oil reservoir level applications.

• RF Admittance is unaffected by variations in lube oil pressure, density and temperature.

• RF systems require no periodic maintenance or re-calibration and can respond within 1 second to any level changes that may indicate a catastrophic lube or hydraulic oil failure.

Other Solutions:

• Pulp Stock
• Liquors & Slurries
• Interface Level
• Oil/Water Wastes

• Wood Chips & Bark
• Chemicals
• Bleach Towers
• Lube Oil

• Open Channel Flow
• Blow Tanks
• Stock Chests
• Fuels

Typical Uses:

• Continuous Level Control
• Point Level Control
• Waste Management
• Inventory Management
• Overfill Protection
• Regulatory Compliance