



Maximizing Chiller Reliability With Comprehensive Analysis

Even brief chiller issues can lead to costly downtime. Going beyond standard maintenance by incorporating comprehensive HVAC analysis is essential for uninterrupted operations.

What is Comprehensive System Analysis?

Traditional maintenance focuses on oil analysis alone, which only reveals part of the system's health. By incorporating refrigerant analysis, you gain a complete picture, allowing the identification of potential problems before they turn into costly failures. Detecting contaminants early improves system efficiency and extends the lifespan of your chillers.

Why Oil Analysis Plus Refrigerant Analysis

Oil Analysis:

- Detects mechanical wear and contamination.
- Monitors lubrication effectiveness and viscosity.
- Measures oil degradation and acidity (Total Acid Number).
- Tracks moisture levels that can lead to corrosion.

Refrigerant Analysis:

- Ensures refrigerant purity and detects non-condensables.
- Highlights elevated oil levels indicating system issues.
- Monitors moisture levels that cause corrosion and freeze-ups.
- Detects acidity that deteriorates system components.
- Identifies particulates from component wear and tear.

Ensure Reliability, Minimize Downtime:

All companies depend on reliability. Incorporating refrigerant analysis maximizes chiller lifespan and minimizes downtime. Don't wait for problems—opt for a comprehensive approach tailored to your business. Hudson Technologies can help you achieve top performance and reliability.

CONTACT US TODAY TO GET STARTED ON COMPREHENSIVE ANALYSIS