

## ADDING WATCHMAN ANALYSIS™ to your Chiller Service Program

When you subscribe to WATCHMAN Analysis™ as part of your chiller service program, Azima DLI's team of expert analysts will provide you with greater insight into your chiller's internal condition and maintenance needs. Identifying and correcting machine faults early, lowers machine operating costs and maximizes machine uptime. Azima DLI and leading chiller service partners work closely together to provide thorough assessments of your equipment's performance and mechanical condition.

Service center technicians use sophisticated test equipment to collect narrowband vibration measurements. Upon returning to the service center, the technician unloads your vibration measurements Azima DLI's expert analysts. We review all your data, assess your equipment health and if necessary, make specific repair recommendations to be included with your chiller service report.

### CHILLER VIBRATION ANALYSIS

Vibration Analysis is a non-intrusive test that is performed while your rotating equipment is in normal operation. Implemented properly, it can identify hundreds of fault types in their very early stages, including:

- Imbalance
- Coupling Misalignment
- Rolling Contact and Journal Bearing Wear



- Motor Problems
- Gear Wear
- Rotating Looseness
- Compressor Rotor Problems
- Pump Problems

In addition to exposing wear related faults, vibration analysis will allow you to correct dynamic faults such as imbalance and misalignment. These faults cause accelerated wear, excessive energy consumption and bothersome structural vibration and can be corrected when identified.

## OUR CUSTOMERS

Through our HVAC service center partnerships, Azima DLI serves several hundred customers. Some of the better known ones are:

Abbott Labs	Fidelity Investments	NBC Broadcasting
ABC Broadcasting	First Data Corp.	NOAA
Advanced Micro Devices	First National Bank of Commerce	Nortel Networks
Alcoa	Fluor Daniels	Northrup Grumman
Allstate Regional Data Center	Ford Motor Company	Norwegian Cruise Lines
American Airlines	Four Seasons Hotels	Owens Illinois
Anheuser Busch	Gates Rubber	Pacific Bell
AOL-Netscape	GE Betz	Pfizer
Applied Materials	GE Plastics	Philip Morris USA
Astra Zeneca	Genentec	Polaroid
Avon	General Dynamics	PPG
BAE Systems	General Motors	Procter and Gamble
Bank of America	Georgia Pacific	QVC
Bank One	Gillette	Raytheon
BASF	Glaxo Smith Kline	Robins Air Force Base
Bayer	Hilton	Rockwell Automation
BC Gas	Honda	Samsung Electronics
BC Hydro	Hyatt Hotels	Sears & Roebuck
Bristol Myers Squibb	IBM	Sherwin-Williams
Brown and Williamson	International Paper	Sony
Capital One	Johnson Controls	State Farm Insurance
Carnival Cruise Lines	JP Morgan	Texas A&M
Caterpillar	Kaiser	Texas Instruments
Charles Schwab	Kimberly Clark	Toyota
Chevron	Las Vegas Convention Center	U.S. Department of Energy
Chrysler	Lexis Nexis	U.S. Department of Transportation
Citigroup	Liberty Mutual	U.S. Environment Protection Agency
Coca Cola	Lockheed Martin	U.S. Federal Aviation Administration
Conoco	Lucent Technologies	U.S. Marine Corps
Daimler Chrysler	Macys	U.S. Navy
Discover Card Services	MCI	U.S. Postal Service
Dow Chemical	MGM Grand	Virginia Power
Duke Energy	Miami University	Wyeth Pharmaceutical
Dupont	Microsoft	Xerox
Embarq	Miller Brewing Company	Yakima Valley Memorial Hospital
Embassy Suites	Mobil Oil	Yale University
Exelon	Monsanto	York Chiller Factory

## CALL US TODAY!

Ask your chiller service representative about including WATCHMAN Analysis as part of your program. If your chiller service provider does not offer WATCHMAN Analysis as part of their service program, contact us at toll free in the U.S. at 800.482.2290 or international at (+1) 781.938.0707, or visit us online at [www.AzimaDLI.com](http://www.AzimaDLI.com).

**KNOWING WHATS AHEAD™**