

na direted an androsa kurk- Juanin 23 Andrea ya ang ang ang Ang ang ang ang ang Ang ang ang ang ang Ang ang ang ang ang		Angeline (1992) Unevent Unexperied Inc. Spece from the Unit of Unevent Description of Unit of Unit Description of Unit of Unit of Unit of Unit of Unit Description of Unit of Unit of Unit of Unit of Unit of Unit of Unit Description of Unit of	Comparative lists at the set of set o	The Separat Severation Lase 12 Devertis
antina antin Antina antina a Antina antina antin Antina antina antin			In the set of the set	Lean Cent (International Section 1)
Image: State	Communities in Australian Communities in Aus	and 2 2 3 Huging & Proceeding Vice Last Statute 2 2 3 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1	Construction of Patient Har	<u> </u>

# TOTAL PROGRAM MANAGEMENT IS ON YOUR HORIZON®





#### Report Delivery by email subscription

Deliver component-specific results and maintenance recommendations to the right people at the right time. Create an unlimited number of email subscriptions according to the type of information each recipient needs to see.

# Innovative Web-based tools for executing Maintenance strategies

HORIZON<sup>®</sup> is an intuitive, dynamic solution to managing fluid analysis data with the speed and functionality to affect positive change in your daily maintenance practices.

- Monitor your most critical assets to pinpoint maintenance issues immediately
- Identify problems in their earliest stages to avoid unnecessary failures
- Minimize unscheduled downtime to eliminate costly disruptions in production

Better maintenance management and improved equipment reliability are on your HORIZON.

#### Interactive Sample Reports

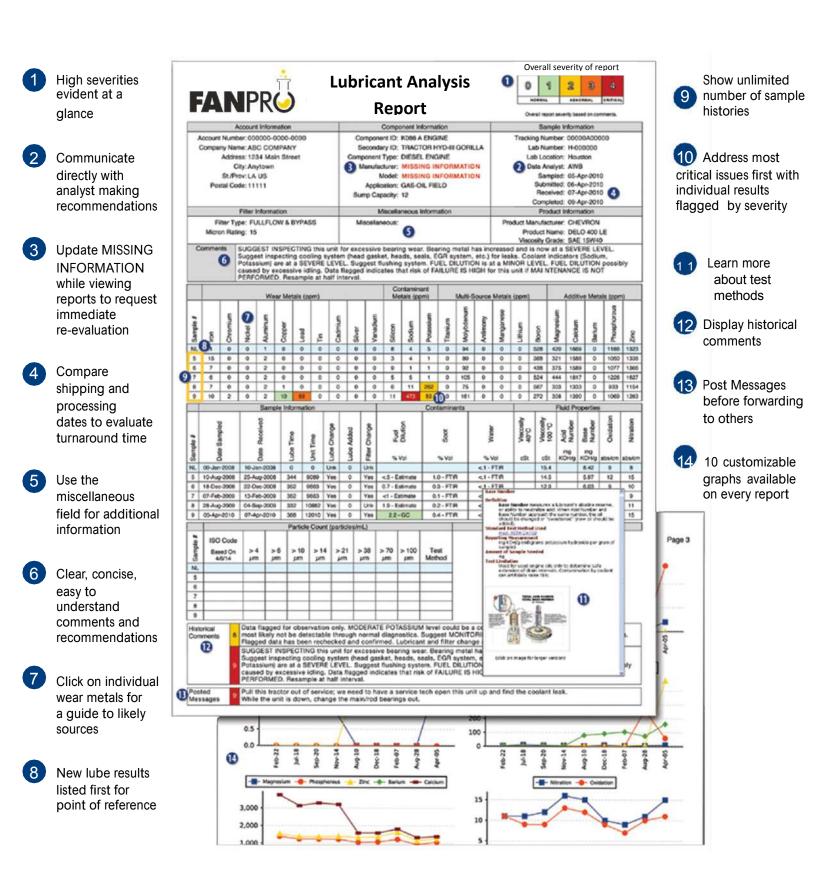
HORIZON<sup>®</sup> is so much more than simply a way to view test results. The sample report is designed as an interactive tool for improving communication between user and laboratory.

- Samples can be submitted online so that a simple barcode scan logs the data once it arrives at the laboratory
- Missing information can be added while viewing reports so that data analysts can immediately re-evaluate and make better maintenance recommendations
- Unlimited sampling histories and their comments are included so users can make timely, well-informed maintenance decisions

#### Customized report display

Application settings allow users to customize the sample information displayed on reports and the actions to be taken on the results shown and the recommendations made.

- Determine number of sample histories shown
- · Post messages or add comments and forward to others
- Place critical components on asset watch and receive email alerts on high severities
- Document maintenance action taken to ensure maintenance personnel act on laboratory recommendations
- Estimate cumulative savings to bring visibility to program value



Severity Summary Report	l Pov	werful	Με	nad	ement	renc	orts	
Component percentages at each severity level are displayed in a pie graph     Summarizes component and lubricant information, includes analyst's comments and a		Severity S				горс		
direct link to the report		Fluid Types	and the second sec	H	RIZ	ON'		
<b>D</b>		Seventies	3.4			TUE	011	
		Date Range	01-Feb-2	007 - 31-Dec-2007				
Sample Schedule Report	Applied Criteria			Applied Sorting				
Lists components due or overdue for sampling	mber is equal to ABCDEF00000000			Seventy Descending				
Monitors non-compliance with pre-established sampling schedules	lumber of Compo		0	0: 12 (23%) 1: 19 (36%)		5	12	
Sample Volume Report	Samples Re	beived: 53		<ul> <li>2: 12 (23%)</li> <li>3: 7 (13%)</li> </ul>	12	1 . 1		
Lists number of samples processed per month	iples in Severity I	Range: 10		• 4: 3 (6%)		-4	-19	
	ponent ID:	Component Manufacturer SULLAIR	Fluid Manufacturer: SUMM/T		Fluid Changed / Added. Yes / 50	Lab Number Hi440314		
Sample Frequency Report	edary ID 30-158	Model POR25X	Fluid N PGS 1		Unit Time: 25949	Sampled. 22-Feb-2007		
Charts component date by month     Shows severity status of each sample	ponent Type:	Application	Grade	¢.,	Fluid Time:	Received		
<u> </u>	STY go down to 60	GAS COMPRESSION	TE LEVEL	Although the VISCOSITY				
furnaround Time Report		I Lead: Lubricant change acknowledge						
Graphs average process delay due to lack of sample information	ponent ID:	Component Manufacturer SULLAIR	Fluid Manufacturer: SUMMIT		Unknown / 0	Lab Number N Sector		
sample information	ndary ID: 30-168	Model PDR25X	Fluid N POS 1		Unit Time: 29365	Sampled 20-Aug-2007	0	
-	ARY SCREW	Application: GAS COMPRESSION	Grade ISO 15		Fluid Time:	Received 27-Aug-2007		
Data Extraction Tool    Downloads account, component and sample	E: Aluminum is at a 1	RS, FILL PORTS). Water is at a SEVER ACCERATE LEVEL: Although the VISC is not provided for this unit;	RE LEVEL; U XOSITY is lo	Lubricant and filter change wer than the grade indica	i is supposted if not done at sam ted, this is TYPICAL for Rotary 8	pling time: Tin is at a M forew Compressors. W	ODERATE e typically will let	
data to CSV or XML format	Page 1 of 3							
Problem Summary Report								
Charts problems found by component type.								
manufacturer or model		Component percen pie graph.	tages	at each seve	erity level are dis	splayed in		
Action Taken Summary Report								
Graphs percentage of reports with recommended actions     Provides summary of supporting information		here are 17 compo ubmitted for testin						
		ummary details on	•	•				
Jata Analysis Report		be estual summer	dotal	la componen	t and lubricant :	information		
Generates statistical analysis based on user- selected parameters		he actual summary long with the analy					,	
	4							

#### The only innovative solution for global Maintenance Management

The POLARIS Laboratories<sup>®</sup> "one laboratory, multiple locations" business model is unique to the world of fluid analysis – full service, high-quality testing facilities around the world that utilize a single database and a superior reporting solution for managing fluid analysis data and equipment reliability on a global scale. What's more, in markets where POLARIS Laboratories<sup>®</sup> does not maintain its own laboratory, we have significant experience working with our customer's third-party laboratory. We also offer a worldwide network of partner laboratories to support and meet your testing needs while providing analysis and recommendations from our corporate headquarters. (See back cover for details.)

#### Consistent equipment management Worldwide

If you have machines around the world and need to create global standards for your fluid analysis program, POLARIS Laboratories<sup>®</sup> offers a complete solution with all the tools you need to successfully execute your maintenance strategies.

- Quality testing and a centralized database for complete program management
- Superior data analysis and data interpretation deliverable around the globe in multiple languages
- The industry's most innovative, web-based data management software

#### Expert machine condition analysts

Understanding machine condition is a critical part of any predictive maintenance program. Our certified data analysts are the best in the industry with a knowledge base unmatched by any other global laboratory.

- Nine STLE CLSs (Certified Lubrication Specialists) and 13 OMAs (Oil Monitoring Analysts)
- Actionable maintenance recommendations based on application-specific knowledge of the equipment you operate everyday
- Data analysts and customer service representatives available to answer questions and explain testresults 24 hours a day, five days a week

#### Value added private label programs

Branded Private Label Programs keep your name in front of your customers – when it comes to equipment reliability, they think of you first. Whether they're located in North America or in the Asia Pacific, you will be the partner in maintenance strategy they've been looking for.

- Customize jar labels, test reports and HORIZON<sup>®</sup> logins with your company logo
- Become a solutions provider when we push test data and actionable maintenance recommendations from laboratories around the world directly to your customer's desktop
- Save your customer time, money and downtime savings they will associate with you
- Differentiate your products and services from those of your competitors

#### Sample tested in local laboratory

- High quality laboratories
- ASTM-based test methods
- Fast turnaround time

## Data analyzed, flags & comments applied

- Data analyzed by industry-specific machine condition analysts
- CLS & OMA certified
- 24-hour customer access to data analysis staff

- Data transferred
- Results uploaded to our Laboratory Information Management System
- Multiple data formats accepted

### Samples posted, faxed or emailed to customer

- View reports within 24 to 48 hours
- Use web-based tools to manage the data
- Make informed maintenance decisions
- · Affect change in your daily maintenance practices