FANPRO®
LUBRICANT ANALYSIS

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® 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® 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.

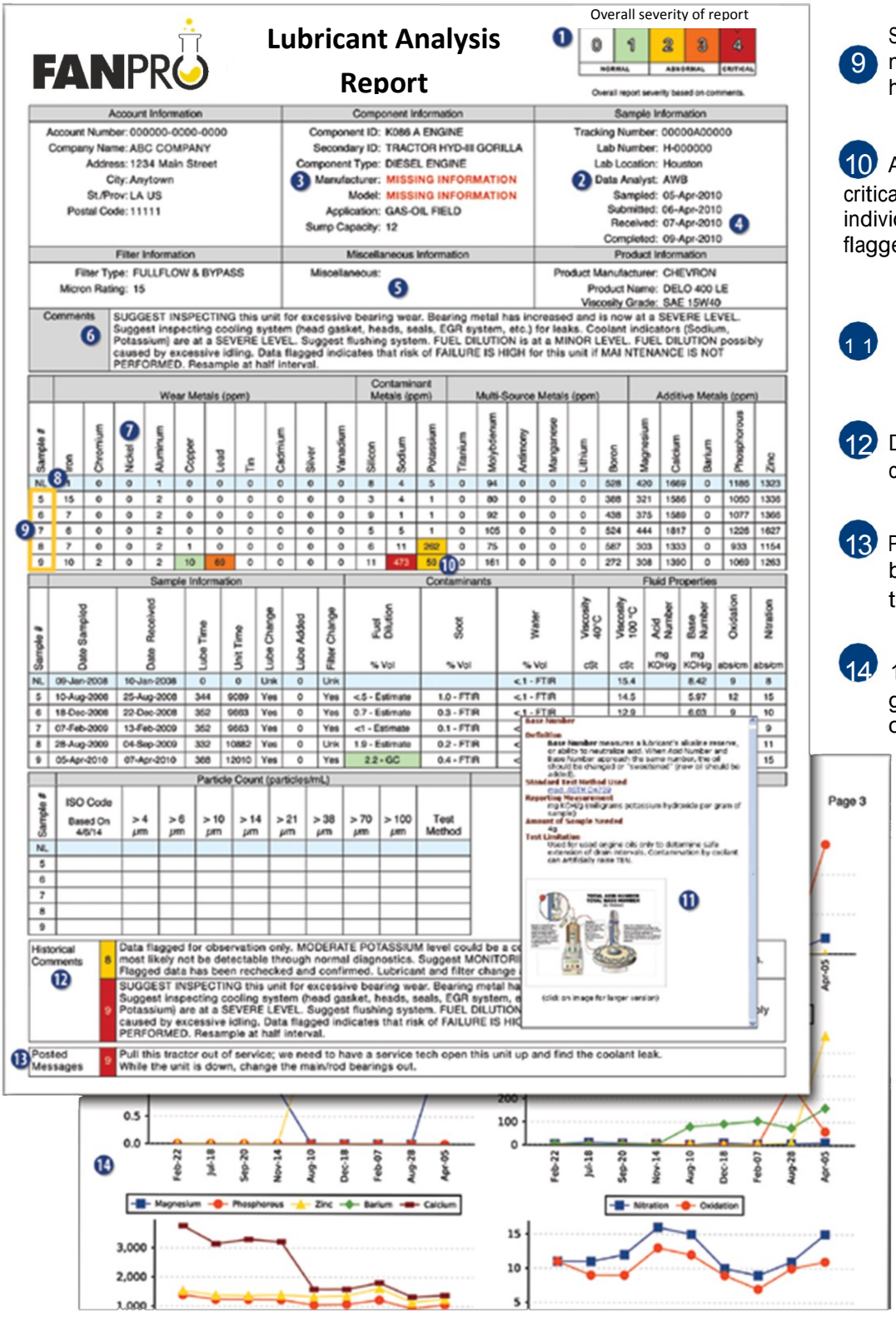
- Samples can be submitted online so that a simple barcode scan logs the data once it arrives at the laboratory
- Missing information can be added while viewing reports so that data analysts can immediately re-evaluate and make better maintenance recommendations
- Unlimited sampling histories and their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

1. High severities evident at a glance
2. Communicate directly with analyst making recommendations
3. Update MISSING INFORMATION while viewing reports to request immediate re-evaluation
4. Compare shipping and processing dates to evaluate turnaround time
5. Use the miscellaneous field for additional information
6. Clear, concise, easy to understand comments and recommendations
7. Click on individual wear metals for a guide to likely sources
8. New lube results listed first for point of reference



9. Show unlimited number of sample histories
10. Address most critical issues first with individual results flagged by severity
11. Learn more about test methods
12. Display historical comments
13. Post Messages before forwarding to others
14. 10 customizable graphs available on every report

Powerful Management reports

Severity Summary Report
- Component percentages at each severity level are displayed in a pie graph
- Summarizes component and lubricant information, includes analyst's comments and a direct link to the report

Sample Schedule Report
- Lists components due or overdue for sampling
- Monitors non-compliance with pre-established sampling schedules

Sample Volume Report
- Lists number of samples processed per month

Sample Frequency Report
- Charts component date by month
- Shows severity status of each sample

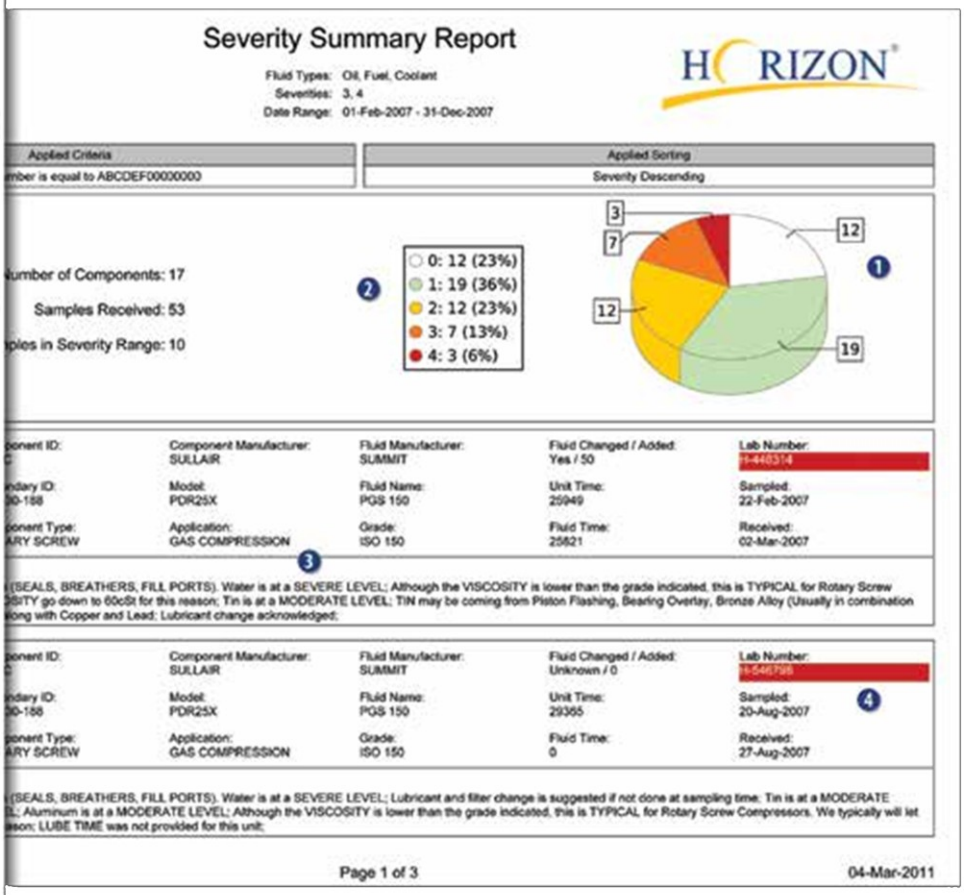
Turnaround Time Report
- Graphs average process delay due to lack of sample information

Data Extraction Tool
- Downloads account, component and sample data to CSV or XML format

Problem Summary Report
- Charts problems found by component type, manufacturer or model

Action Taken Summary Report
- Graphs percentage of reports with recommended actions
- Provides summary of supporting information

Data Analysis Report
- Generates statistical analysis based on user-selected parameters



Severity Summary Report

Fluid Types: Oil, Fuel, Coolant
Severities: 3, 4
Date Range: 01-Feb-2007 - 31-Dec-2007

HORIZON

Applied Criteria	Applied Sorting
mber is equal to ABCDEF00000000	Severity Descending

umber of Components: 17
Samples Received: 53
ples in Severity Range: 10

0: 12 (23%)
1: 19 (36%)
2: 12 (23%)
3: 7 (13%)
4: 3 (6%)

3 7 12 12 19

Component ID:	Component Manufacturer:	Fluid Manufacturer:	Fluid Changed / Added:	Lab Number:
	SULLAIR	SUMMIT	Yes / 50	[redacted]
ndary ID:	Model:	Fluid Name:	Unit Time:	Sampled:
30-188	PDR25X	PGS 150	25949	22-Feb-2007
onent Type:	Application:	Grade:	Fluid Time:	Received:
ARY SCREW	GAS COMPRESSION	ISO 150	25821	02-Mar-2007

(SEALS, BREATHERS, FILL PORTS). Water is at a SEVERE LEVEL; Although the VISCOSITY is lower than the grade indicated, this is TYPICAL for Rotary Screw SITY go down to 60cSt for this reason; Tin is at a MODERATE LEVEL; TIN may be coming from Piston Flashing, Bearing Overlay, Bronze Alloy (Usually in combination long with Copper and Lead; Lubricant change acknowledged;

Component ID:	Component Manufacturer:	Fluid Manufacturer:	Fluid Changed / Added:	Lab Number:
	SULLAIR	SUMMIT	Unknown / 0	[redacted]
ndary ID:	Model:	Fluid Name:	Unit Time:	Sampled:
30-188	PDR25X	PGS 150	29365	20-Aug-2007
onent Type:	Application:	Grade:	Fluid Time:	Received:
ARY SCREW	GAS COMPRESSION	ISO 150	0	27-Aug-2007

(SEALS, BREATHERS, FILL PORTS). Water is at a SEVERE LEVEL; Lubricant and filter change is suggested if not done at sampling time. Tin is at a MODERATE L; Aluminum is at a MODERATE LEVEL; Although the VISCOSITY is lower than the grade indicated, this is TYPICAL for Rotary Screw Compressors. We typically will let ason; LUBE TIME was not provided for this unit;

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1. Component percentages at each severity level are displayed in a pie graph.

2. There are 17 components on file – 53 samples have been submitted for testing. User preferences are set to show severity summary details on all samples at severity levels 3 and 4.

3. The actual summary details component and lubricant information, along with the analyst's comments at each sampling interval.

4. Drill down directly to sample reports.

The only innovative solution for global Maintenance Management

The POLARIS Laboratories® "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® 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® 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® 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 transferred

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

Data analyzed, flags & comments applied

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

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

Along with the partnership with Polaris Laboratories, Enluse launched the start of our own private label "**FanPro™**" – Fluid Analysis Program. Fluid analysis with Polaris provides a solutions based approach to maintenance, backed by ISO 17025 A2LA accreditation (highest level of quality attainable by a testing lab). This independent cooperation gives you an independent advice.

References:
Polaris Laboratories

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