

Signum Oil Analysis

Paper Machine Oil (PMO) Analysis Service

Signum Oil Analysis provides insight to help you maximize equipment life and reliability while reducing maintenance costs.

Today's paper machines need to produce more tonnage in less time than ever before. The importance of keeping paper machine lubricants free of particulate and wear contaminants has been well documented. Signum Oil Analysis helps make it easy to manage your maintenance activities with greater efficiency.

Analysis Options

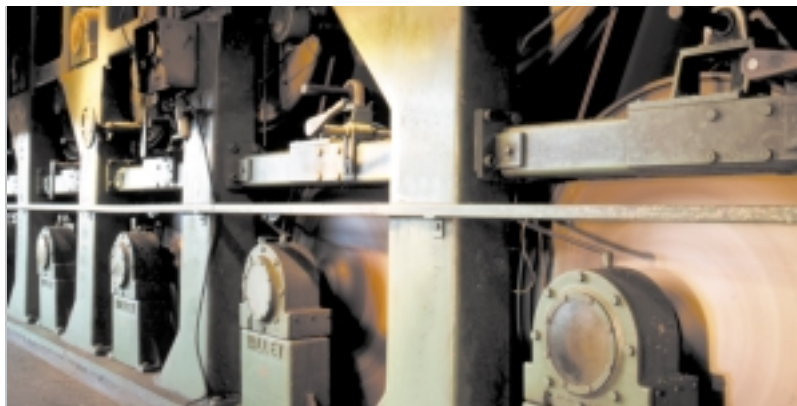
PMO Analysis

Paper Machine Oil Analysis¹ provides essential equipment and lubricant specific testing designed to help you detect equipment problems before they cause expensive unplanned outages and to help optimize your lubrication program. Applicable equipment includes: dryer bearing lubrication systems, press lubrication systems, and CC roll systems.

PMO Analysis for Contamination Control

Paper Machine Oil Analysis for Contamination Control¹ includes additional testing to help improve equipment reliability by monitoring system cleanliness and maximizing machine performance. In addition to Paper Machine Oil Analysis testing, Paper Machine Oil Analysis for Contamination Control includes: particle count analysis, PQ Index (particle qualifier), and water content by Karl Fisher.

1 - Some tests are performed on condition at the time of analysis. Test protocols may change without notice.



Online Reporting

Signum Oil Analysis reports are available via Internet, email, or fax. The color-coded report is typically available within 1-2 business days of sample receipt at the laboratory. You can login to your account and confirm receipt at the Signum Laboratory by tracking the sample status online.

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Sample Report Overview — Graphic Report

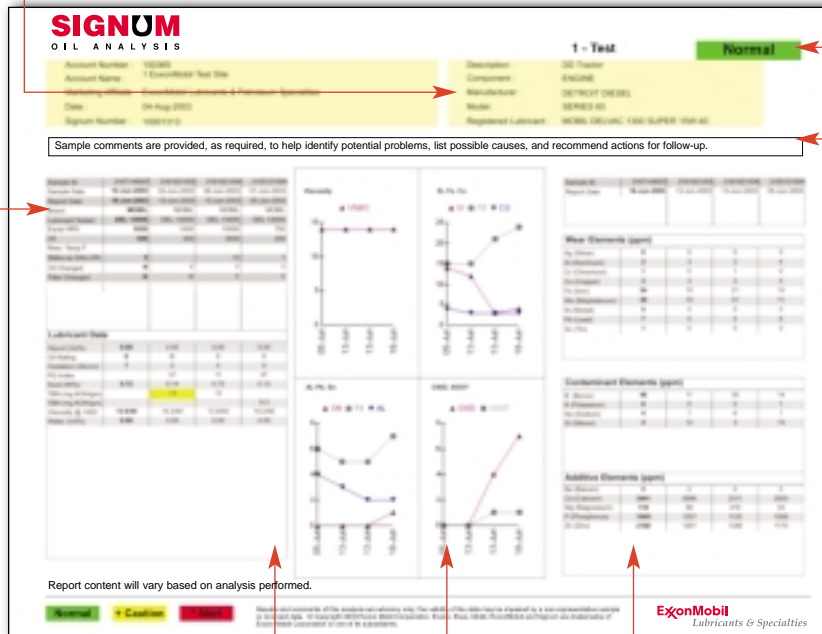
Signum Oil Analysis offers reporting options via Internet, email, or fax. The sample report provides valuable insights to determine equipment, contamination, and lubrication conditions.

Sample Point Data

Sample point data that you provide during online registration is used to interpret the analysis results. By including equipment manufacturer, model, and other operating parameters, an overall assessment can be made for your application.

Sample Label Data

A completed sample label provides critical information for processing and interpreting your equipment's condition. By including key information, like hr/mi/km and data sampled, you help establish data points that assist in condition trending.



Results Interpretation

Proprietary control limits are applied based on your equipment manufacturer, model, lubricant, and application. Sample comments are provided, as required, to help identify potential problems, list possible causes, and recommend actions for follow-up.

Analysis Results

The Signum Oil Analysis report provides an easy-to-read, color-coded display of your sample analysis results in order to:

- Trend elements of equipment wear
- Identify contaminants that may impact performance
- Monitor lubricant condition

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When your sample is processed, the laboratory handles each bottle as a unique and important item. Each sample is coded, labeled, and tracked through the entire process. By the time test results are available your equipment sample has directly benefited from our knowledge of ExxonMobil lubricants, decades of OEM relationships, and a strong heritage of hands-on application expertise. Sample comments are provided, as required, to help identify potential problems, list possible causes and recommend actions for follow-up.