

Signum Oil Analysis

Power-Train Analysis Service

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

Heavy loads and a dirty environment can take their toll on crucial drive components. Detecting excessive wear or contamination early is paramount. Signum Oil Analysis helps make it easy to manage your maintenance activities with greater efficiency.

Analysis Options

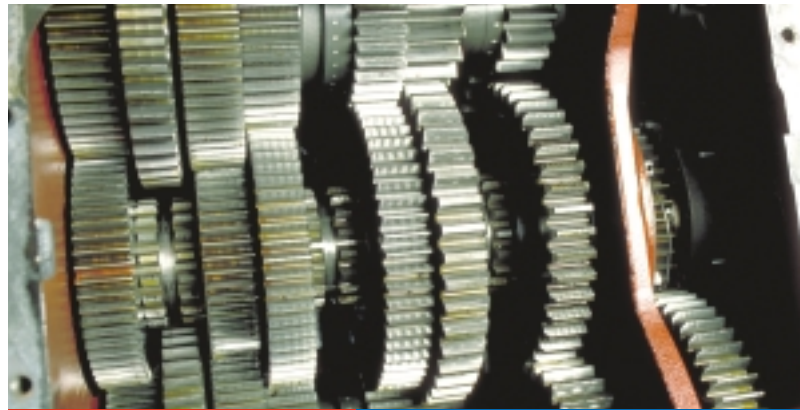
Power-Train Analysis

Power-Train Analysis¹ provides component and lubricant specific testing designed to help you detect gear or transmission problems as well as lubricant contamination before they result in costly downtime or expensive repairs. Power-Train Analysis is for transmission, differential, or final drive (gear) components in all types of mobile equipment.

Power-Train Analysis for Extended Service

Power-Train Analysis for Extended Service¹ includes additional testing to help you ensure long life and optimal performance for transmissions, differentials, and final drives. In addition to Power-Train Analysis tests, Power-Train Analysis for Extended Service includes: particle count, PQ Index (particle qualifier), and manual glycol verification.

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

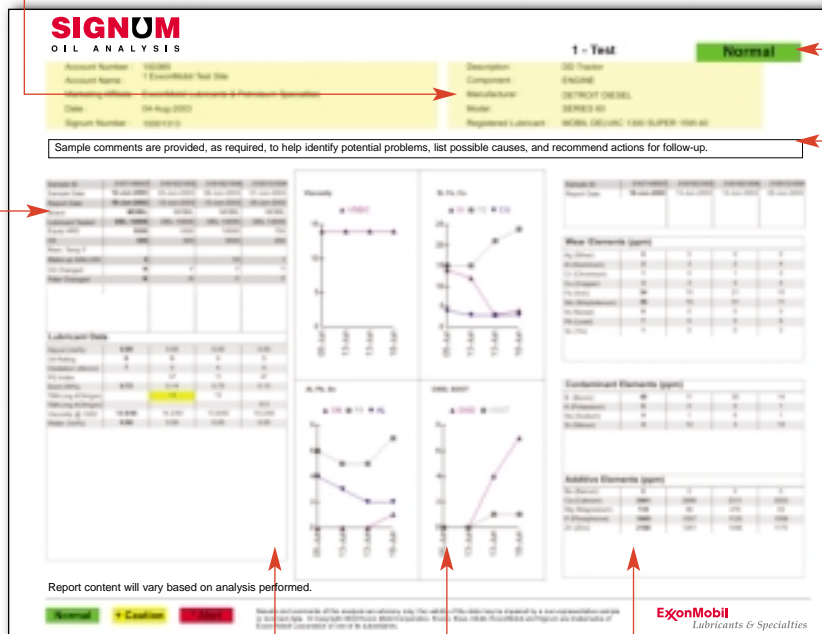
Signum Oil Analysis offers reporting options via Internet, email, or fax. The sample report provides valuable insights to determine equipment, contamination, and lubrication conditions.

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.