



In addition to vibration analysis, another useful technology in determining a machine's health is oil ferrography. Much can be learned from sampling the oil of a given machine; analysis of a lube sample can reveal lubricant condition and identify any foreign materials that might be present. The identification of these materials can be very helpful in determining if bearing, gear or shaft wear is occurring. We recommend sampling all gearboxes and sleeve bearing motors on a quarterly basis. For many of our clients we correlate the oil sampling report with the vibration analysis report to offer a more complete assessment of the machine condition. MDI can manage the sampling program for your facility; we collect and ship the samples to a laboratory that we have mutually agreed upon.

The pages below provide an example of what a oil sampling report might look like; while this sample is from Predict we also use other labs for oil analysis.

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