

## Oil Analysis Kits



### Oil Analysis Kits

AMSOIL provides oil analysis service options. By analyzing used engine oil, a qualified lab can detect mechanical problems your engine may have.

Sampling Kit Packaging/quantities include:

#### Postage-Paid Kits

Quantities: 1, 50 or 100 kits

#### Non-Postage-Paid Kits

Quantities: 1, 50 or 100 kits

### The Sampling Process Trend Analysis

A single sampling analysis is useful in providing information when critical failure conditions exist. However, trend analysis is a better tool for estimating the useful life or overall condition of your engine or equipment. Trend analysis samples are taken and analyzed at regularly scheduled intervals. Comparing the most recent analysis to previous reports on a given machine shows the development of trends. Monitoring these trends enables early detection of internal abnormalities. Tested values falling within acceptable limits may show a pattern of subtle variance, which could signal a developing problem.



Note: Sampling Pump and Hose are sold separately (G1206)

Machines of the same type will accumulate contaminants and wear at different rates. Performing trend analysis on each machine is the most effective method of giving you an internal look at your equipment and enabling you to deal with developing problems before they become catastrophic situations.

### Sampling Frequency

The frequency of sample analysis from your equipment depends on the machine type, machine application and condition, operating environment and other variables. For example, many machines that operate in harsh environments, such as heavy equipment in mining or construction, require short oil sampling intervals - every 100 to 300 operating hours. However, certain power transmission systems, such as gearboxes and hydraulic systems used inside manufacturing and production facilities require no more than quarterly sampling intervals. The following table lists generic

sampling frequencies for common equipment types, and is provided as a guideline only. Additional information is available from Oil Analyzers Inc., your lubricant supplier, and the equipment manufacturer.

Collecting a clean and representative oil sample is critical to the oil analysis process. Put simply, an oil analysis is only as good as the sample taken. The accuracy and reliability of the data produced by an analysis hinges on receiving a representative sample from the equipment to be tested. To assure that the sample extracted is representative of the system, always follow proper sampling procedures.

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