Why is Oil Sampling important?

A high quality comprehensive oil analysis is not only important it is essential for any extended oil drain program. The proper analysis of physical properties, wear metals and additives provides the information necessary to ensure the oil quality is properly maintained to extend drain interval. The analysis also provides documentation of oil quality and a historical record of wear metals and ensures there are no potential damage causing intrusions i.e., fuel or glycol, affecting oil and engine performance etc. The oil sample results enable user to drain oil only when required as dictated by the oils condition, maximizing the oil life.

While oil analysis is not required for a cyclical oil drain interval program as oil is drained at a predetermined mileage or hours of use, it will provide valuable information that will improve any preventive maintenance program. The sample results will:

- Identify potential engine problems
- Confirm the oil purchased is oil supplied by vendor
- Provide documentation for warranty claims
- Identify systematic issues for fleets
- Document driver abuse and/or negligence – low oil levels etc.
- Enable users to compare various oils etc.

The bottom line is an oil sample is an inexpensive way to ensure engine properly maintained and functioning as designed.