

# Coolant Sampling

## Equipment and Procedures

Coolant analysis is the most accurate and applicable when it starts with good sampling procedures. Testing of an uncontaminated sample will yield the most accurate testing report. The Fluid Life Corporation can supply all the necessary sampling tools for every component and application.

*Recommended sampling interval for basic coolant analysis is every 250-500 hours of service (10-20 days).*

*Recommended interval for advanced sampling is every 4th sample or about 4 months whichever comes first.*

Make sure:

- sample bottle is clean and free of contaminants.
- samples are drawn from consistent sample points.
- samples cards are completed.

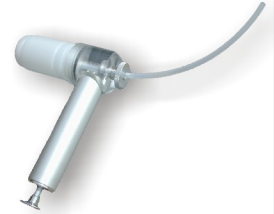
If sampling water used in the coolant:

- run the water for at least one minute.

All coolant sampling products here are available from The Fluid Life Corporation.

### Sampling with a Suction Pump

With the engine off and cool, insert a clean piece of plastic tubing into the radiator or coolant reservoir that reaches about 6 inches into the fluid. Screw the sample bottle firmly to the suction pump. Fill the bottle about 90% full (80ml). Avoid taking a coolant sample from the bottom of the radiator or coolant reservoir.



### Sampling with a Pushbutton Valve

Remove the protective cap and wipe the valve with a clean cloth. Press the push button slowly to avoid a sudden burst of coolant. Extract then discard the first 150 ml (5 ounces) of coolant to remove any debris from the valve. Fill the sample bottle about 90% full (80ml). Seal the bottle tightly and wipe clean.

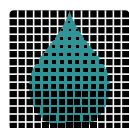


### Sampling with a Probalyzer Valve

Wipe the valve with a clean, dry cloth. Slowly push the needle valve probe onto the sampling valve. Please be cautious as coolant may be under pressure!. Discard about 150ml(5ounces) of the initial fluid from the valve to make sure dirt and debris are removed. Fill the sample bottle about 90% full (80ml). Seal the bottle tightly and wipe clean.



*...because what happens on the inside really counts*



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