



Cashman Fluids Analysis (CFA) offers the following test packages as a part of our traditional PREPAID fluids analysis program for conventional and extended life coolants. This program was designed to allow our customers the flexibility of sampling their equipment either as part of a routine sampling program, or as the need arises due to equipment health concerns. The kits sold in this program are pre-paid. Purchase the kit, receive all the supplies needed to pull a sample, and the analysis is paid for. This allows customers to have kits on the shelves for when they need them, without having to wait for supplies to arrive to pull a sample. Included with each part number available for pre-paid purchase is: 1 (one) pre-paid CFA sample bottle; color-coded sample label; 7-feet of tubing; and 1 (one) CFA logo biodegradable envelope or 1 (one) MRS labeled pre-paid return envelope.

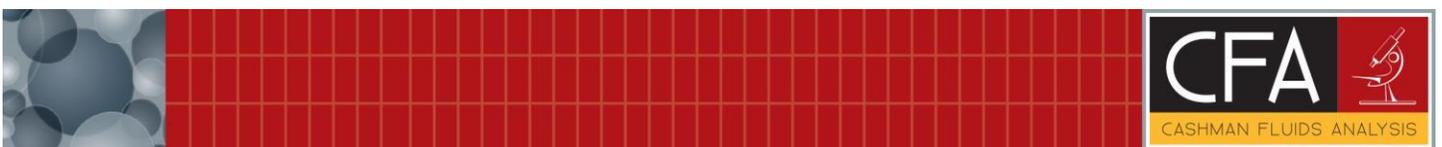
There are two analytical levels of coolant testing that can be ordered. These kits offer increasingly specialized test packages to allow for more advanced testing when equipment is mission critical. CA1 is not recommended for extended life coolants. See recommendations based on coolant type.

We're committed to being a value-added partner in your success. Actively listening to your needs and collaborating with you allows us to recommend solutions and build value towards ensuring a solid foundation for your success. We provide quality analytical results with a quick turn-around time in addition to offering the support you need to maintain a top-tier condition monitoring program. We sincerely appreciate the opportunity to earn your business and look forward to following up with you.

Warm Regards,

Cashman Fluids Analysis Team
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(866) 224-3087

These packages are designed for the routine analysis of conventional fluids. Please contact a CFA team member to discuss specialty fluids or analytical needs outside of the scope of routine analysis.





Fluids Analysis

ACCURATE. FAST. RELIABLE.

Coolant Analysis Packages

Revised 01/05/2023

Basic Coolant Condition

Part No.	Description	Tests Included	Method
CA1	<p>Coolant Analysis - Level 1 Basic coolant condition designed to evaluate the basic maintenance aspects of the coolant for water-cooled engines and other water-cooled equipment.</p> <p>Recommended for routine coolant sampling.</p> <p>Recommended for conventional coolants.</p> <p>Allow 1-3 business days for sample processing.</p>	<p>Silicon and Other Elements in Engine Coolant by ICP Glycol Percent Freeze Point Boil Point pH Level Conductivity Additives Check: Nitrites (NO₂) by titration, Molybdenum by test strip Total Ferrous Debris Oil Contamination Color Odor Precipitate Foam</p>	<p>ASTM D6130 ASTM D3321 ASTM D3321 SOP 706 SOP 728 SOP 696 SOP 701 SOP 700 SOP 725 SOP 698 SOP 698 SOP 698 SOP 698 SOP 698</p>

Advanced Coolant and Cooling System Condition

Part No.	Description	Tests Included	Method
CA2	<p>Coolant Analysis - Level 2 Designed to evaluate the condition of the coolant and the cooling system for water-cooled engines and power generation units.</p> <p>Recommended for 1000 hour or annual sampling intervals.</p> <p>Recommended for (ELC) extended life coolants.</p> <p>Allow 10 to 14 business days for sample processing.</p> <p># Outsourced to an ISO 17025 facility</p>	<p>#Glycol Percent #Freeze Point #Boil Point #pH Level #Conductivity Total Ferrous Debris #Oil Contamination #Color #Odor #Precipitate #Foam #ICP Elements**: Fe, Al, Cu, Pb, Sn, Zn, Ca, Mg, Si, B, Mo, Na, K, P ** Molybdate, silicates (SiO₃), borates (BO₃), phosphate, calcium chloride (CaCO₃), magnesium chloride (MgCO₂), & total hardness calculated from ICP. #Compounds: Chloride, Glycolate, Sulfate, Nitrite (NO₂), Nitrate (NO₃) #Compounds: Sebacates & Tolyltriazole</p>	<p>OCM Method ASTM D3321M Calc ASTM D1287 N/A SOP 725 D6130M OCM Method OCM Method OCM Method OCM Method D6130M D5827M HPLC Method</p>