

Fluid Test Kits *Quick Reference*

Basic SVC058	Coolant Tests	Test Method
•	Elemental Analysis by ICP	ASTM D6130
•	Glycol %	In-House Method
•	Freeze Point	Mod. ASTM D3321
•	Boil Point	In-House Method
•	Nitrites	In-House Method
•	SCA Number	In-House Method
•	Total Hardness	In-House Method
•	pH	Mod. ASTM D1287
•	Specific Conductance	Meter Measurement
•	Observations (color, odor, foam, fuel, oil, precipitates)	In-House Method

Basic SVC056		Advanced SVC057		Oil Tests	Test Method
Diesel	Gaseous	Diesel	Gaseous		
•	•	•	•	Elemental Metals (24 by ICP)	Mod. ASTM D5185
•	•	•	•	Water by Crackle	In-House Method
•	•	•	•	Viscosity (at 40°C or 100°C)	ASTM D7279
•		•		Fuel Dilution %	In-House Method
•		•		Soot %	ASTM E2412, FTIR
			•	Acid Number	Mod. ASTM D664
		•		Base Number	Mod. ASTM D4739
		•	•	Oxidation/Nitration	ASTM E2412, FTIR
		•	•	Particle Quantifier	ASTM D8184

Basic SVC059	Basic With Biodiesel SVC062	Advanced SVC064	8 Point Fuel Sample SVC065	Diesel Tests	Test Method
•	•			Karl Fischer Water PPM	ASTM D6304C
		•		Karl Fischer Water %	ASTM D6304C
•	•	•	•	Bacteria/Fungi/Mold	Manufacturer
	•			% Biodiesel (FAME)	ASTM D7371
		•		Elemental Analysis (24 by ICP)	Mod. ASTM D5185
		•		Water and Sediment	ASTM D2709
		•	•	Flash Point (closed cup)	ASTM D93
		•	•	Cetane Index	ASTM D976
		•	•	Distillation	ASTM D86
		•	•	API Gravity	ASTM D4052
		•		Thermal Stability	ASTM D6468
		•		Viscosity at 40°C	ASTM D7279
		•	•	Sulfur	ASTM D4294
		•	•	Cloud Point	ASTM D2500
		•	•	Pour Point	ASTM D97