

## CC2527 Monitor™ Hydraulic and Transmission Fluid Analysis



### Tests Included (chart codes): A, B, D, F\*

Chart Code	Test	Features	Benefits
A	Elemental Analysis (Spectroscopy)	Universal test identifies the type and quantity of dirt and coolant contamination, misapplied lubricant, wear particles and oil additives. Also run on fuel and coolants to determine the presence of corrosion products.	Determines metal content, alerting you to wear occurring in pistons, liners, cams, valves and other engine, transmission and equipment components.
B	Infrared Spectroscopy	Lubricant quality test identifies coolant contamination, oxidation, nitration, fuel soot and water contamination. Can be used to compare new and used lubricant.	Signals air/fuel ratio problems which can lead to poor fuel economy and reduced air cleaner efficiency. Warns of oil thickening, diminished oil heat transfer and reductions in flow. Also detects coolant leaks.
D	Viscosity	Lubricant quality test determines "thickness" at 104 °F (40 °C) and/or 212 °F (100 °C). Also run on fuel at 104 °F (40 °C).	Helps you assess lubricant suitability by indicating thinning from multigrade additive breakdown, potential solvent contamination or thickening due to oxidation.
F	Particle Count	Measures and reports size of particles in six ranges from 5 microns to 40 microns.	Keeps you advised of oil cleanliness and filtration efficiency.

\* Test G is run when fluid opacity prevents the use of Test F.