MiniLab 33

On-Site Oil Analyzer

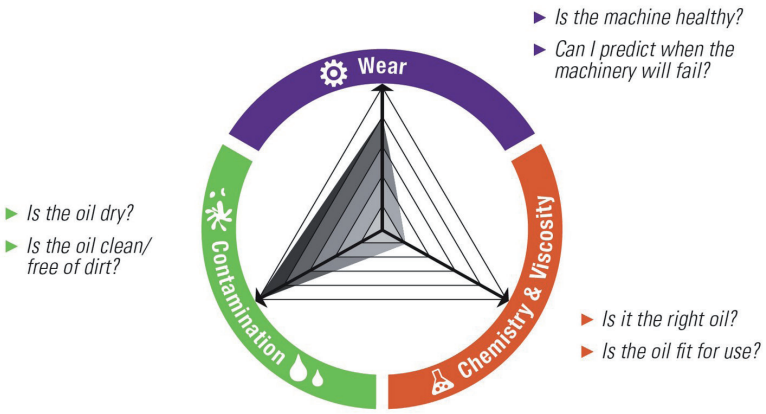
ASTM D7889, ASTM D8092, ASTM D8120

Oil analysis provides early indications of equipment wear and identifies the root causes of corrosion. On-site oil analysis eliminates the wait associated with sending samples off-site and enables immediate decision making.

With three simple tests, the MiniLab 33 delivers on-site oil analysis, providing immediate actionable results, saving time and reducing costs.

Highlights of this system include

- One product, delivering lab-quality analysis outside of the lab
- Simplified workflow for the non-expert user, no chemist required
- Simplified operation, data reporting and report interpretation via the TruVu 360 Diagnostic Sets with recommended action



	Parameter	Ferrous ASTM Method D8120	Viscosity ASTM Method D8092	Chemical ASTM Method D7889
Contamination	Particle count and ISO codes			
	Non-metallic particle count, distribution and images			
	Boron, Calcium, Sodium, Lithium, Potassium and Silicon			
	Water			V
Chemistry	Viscosity		V	
	Total Acid Number (TAN)			V
	Oxidation			V
	Total Base Number (TBN), Oxidation, Nitration, and Sulfation for engine oils			V
	Boron, Magnesium, Calcium, Barium, Zinc, Molybdenum, and Phosphorus			
Wear	Wear particle images, counts and distribution			
	Total Ferrous content, ppm	V		
	Ferrous particle count and size distribution			
	Copper, Silver, Chromium, Titanium, Aluminum, Magnesium, Nickel, Iron, Manganese, Lead, Tin, Molybdenum, Cadmium, and Vanadium			

Trivector™ – oil and machine health simplified

The TriVector™ is a simple representation of the integrity of the lubrication system and the health of the machine itself. The Trivector indicates the degree of health in each vector. In order to understand the Trivector condition, one must measure the key physical and chemical parameters of the oil.

The following questions can be answered

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