

On-site Oil Analysis Made Simple

Spectro Scientific analyses used oil samples and gets insights in less than 20 minutes.

✓ ASTM-compliant.

Spectro's MiniLab series brings ASTM- recognized field-adapted oil analysis methods directly to your fingertips.

✓ Your used oil lab analysis, in your facility.

Avoid waiting days for results from remote sites. A compact, plug-and-play system designed for reliable operation in non-lab environments.

✓ From insight to impact. Instantly.

A solution built for speed and precision—two critical factors that help lower maintenance costs and higher equipment uptime—powered by insights backed by Mobil's field expertise.

Spectro MiniLab is used across Industries:

- Oil and Gas
- Power Generation
- Mining
- General Manufacturing
- Other Industrial plants

MiniLab MLA Series

4 simple tests within 20 minutes to comprehensive oil analysis.

Can be operated on-site by plant staff, no chemistry required.

Particle count and ferrous monitor
The LaserNet 230 direct imaging particle counter and ferrous monitor provides particle counts and ISO codes, wear classification, ferrous particle counts & size distribution, and total ferrous measurement.

Viscosity
The MiniVisc 3050 portable viscometer provides high accuracy 40°C kinematic viscosity measurements.



Elemental analysis
The SpectrOil 120C elemental analuzer provides measurement of 24 elements to identify individual contaminants, wear metals and the elemental compo sition of additives.

Chemical analysis
The FluidScan 1100 infrared spectro meter measures Total Acid Number (TAN), oxidation and water for machinery oils and hydraulics.

Main benefits

- Complete used oil condition analysis in less than 20 minutes
- No shipping t off-site labs
- Compact and easy to operate
- Helps reduce downtime
- Helps reduce maintenance costs*

*Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used. Not a financial guarantee.

Contact a Mobil representative for more information.