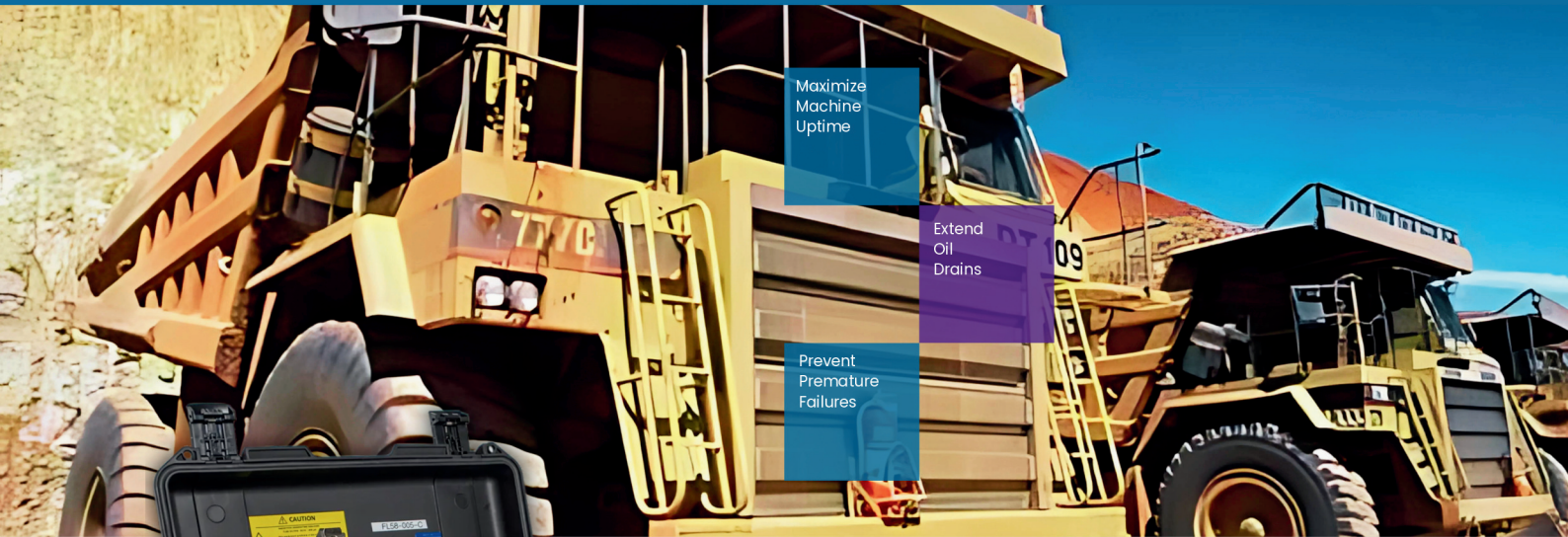


Fleet Solutions for Lubricant and Oil Analysis



Maximize
Machine
Uptime

Extend
Oil
Drains

Prevent
Premature
Failures



FieldLab C Series

The FieldLab analyzer is a battery-powered, integrated oil analysis system that provides quick and comprehensive oil analysis in the field.



EX-DRI Oil Purifier

Ex-Dri is an advanced oil purifier designed for all types of oil, including high-viscosity oils. It effectively removes free, emulsified, and dissolved water, as well as large quantities of sludge and varnish.



QES Technology Philippines, Inc. Brings Spectro Scientific's FieldLab 58C to the Mining Industry: Revolutionizing On-Site Oil Analysis

Spectro Scientific's FieldLab 58C is a cutting-edge, portable oil analysis system designed for use in industries such as mining and upstream oil extraction. It provides immediate, comprehensive data on oil condition and wear debris, enabling real-time equipment monitoring. This system is key for companies aiming to avoid costly machinery failures and optimize their maintenance schedules.



The FieldLab 58C is not only innovative but also user-friendly, requiring minimal technical expertise from operators. It combines four key technologies—an X-Ray Fluorescence (XRF) spectrometer, a Filter Particle Quantifier (FPQ), an infrared (IR) spectrometer, and a kinematic viscometer—into one compact, portable unit. The system performs four crucial tests within just 10 minutes, offering up to 20 essential oil analysis parameters. These tests cover critical areas such as particle count, elemental concentrations, fluid chemistry, and viscosity using just 12 milliliters of oil. The results help operators quickly assess machine wear, contamination, and lubricant condition, empowering them to make fast, informed decisions.

Why Choose the FieldLab 58C?

In industries like mining and upstream oil extraction, the smooth operation of large, complex machinery such as generators, gearboxes, and hydraulic pumps is critical. The FieldLab 58C provides a mobile, efficient solution for monitoring these machines' health by detecting abnormal wear debris from iron and non-ferrous metal components. Spectro Scientific's advanced technology allows for easy identification of contaminants like water, glycol, soot, and other particles larger than 4 microns, ensuring that machinery continues to function smoothly and reliably.

The FieldLab 58C's rugged design makes it well-suited for the harsh conditions often found in mining environments. Its battery-powered operation, solvent-free design, and intuitive touchscreen interface streamline the oil analysis process, making it simple and fast. Furthermore, its smart diagnostics feature allows users to customize alarm limits and operational parameters, enhancing the system's adaptability to different needs.

FieldLab 58C and Mining Applications

In mining and other heavy industries, equipment failures can result in massive downtime and financial losses. Lubricant and wear debris analysis, such as that provided by the FieldLab 58C, can predict potential breakdowns and extend machinery lifespan. The system generates easy-to-read reports with diagnostics and recommended actions based on factory or user-defined alarm settings, minimizing human error and ensuring accurate results.



The FieldLab 58C is also ASTM-compliant, offering users confidence in the reliability of its results. Spectro Scientific's TruVu 360 Fluid Intelligence Software further boosts efficiency by helping operators manage their fleets more effectively. Maintenance teams can monitor key performance indicators (KPIs), assess asset readiness, and track cost savings from oil analysis programs through its management dashboards.

QES Technology Philippines, Inc.: Authorized Distributor of Spectro Scientific

In the Philippines, QES Technology Philippines, Inc. serves as the authorized distributor of Spectro Scientific products, including the FieldLab 58C. QES Technology is dedicated to providing world-class oil analysis and condition monitoring solutions tailored to the needs of industries like mining.

With its head office in Manila and additional locations in Pampanga, Cebu, and Surigao City, QES Technology ensures that companies throughout the Philippines have access to the latest oil analysis technologies and expert support, regardless of their location.

For inquiries or quotations about the FieldLab 58C or other Spectro Scientific products, customers can reach QES Technology Philippines, Inc. by phone at +632 771 1248 or via email at qtpmarketing@qesnet.com. Their team is prepared to assist with all oil analysis and condition monitoring needs.

By adopting the FieldLab 58C, companies in the mining sector can significantly improve their maintenance strategies, minimize equipment downtime, and ensure long-term reliability—all while protecting their bottom line.