



AVIATION | ROTARY WING





## WELCOME TO SPECTRO® | JET-CARE®

At the forefront of equipment condition monitoring services for aircraft around the world since 1976, Spectro and Jet-Care are privately owned, independent laboratories based in the UK, Switzerland and USA, providing high quality analysis services to the global aviation industry.

As specialists in our field we are dedicated to providing a quick, accurate and first class service for each and every customer. We understand the time, safety and maintenance pressures you face and respond quickly to meet deadlines. Our services are tailored to your specific needs so you always have access to first class resources when you need them. With accreditations from all major engine and airframe manufacturers, our services are trusted worldwide.



# TOTAL ANALYSIS PROGRAM



## OIL ANALYSIS

We believe oil analysis should be a central part of every maintenance schedule. It allows you to spot potential problems with engines, gearboxes and other vital pieces of equipment in time so you can quickly take appropriate action. With comprehensive test suites and quality analysis, plus a carefully tailored approach to each customer, we can provide valuable information and guidance to help you plan maintenance and reduce downtime.

## DEBRIS & FILTER ANALYSIS

We use the advanced analytical capabilities of Scanning Electron Microscopes (SEM) and high precision optical instruments for in-depth examination of debris. Particles can be found within filters, on magnetic chip detectors or during routine visual inspection of fluid samples. Our experienced analysts take into account the type, form, quantity, size and condition of the particles enabling us to make recommendations on the likely source of the debris.

## HYDRAULIC FLUID ANALYSIS

Keeping your critical control systems and supply vehicles in perfect condition is vital for safety and efficiency. With regular testing of hydraulic fluid, you will get a clearer picture of system cleanliness and performance. We summarise our findings in a concise analysis report which will alert you to any issues so you can take action immediately.

## FUEL ANALYSIS

Periodic monitoring of fuel tanks and bowsers is fundamental to ensure that fuel cleanliness is maintained at all times and to identify when treatment is needed. We provide advice on fuel system contamination by testing samples for water content and microbiological growth of aerobic bacteria and viable fungal spores.

# REPORTING



webECHO™ is a versatile online resource available 24/7/365 to manage your equipment, fleet data and access your latest trends and reports in a single portal. The integrated system, which is password protected for complete confidentiality, allows you to download reports, view graphs and analyse data in real time and can run on a variety of mobile devices such as iPads® and Android tablets.



# STANDARDS



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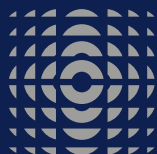


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Our unrivalled expertise, quality control and integrity are supported by industry recognised accreditation that ensures each laboratory maintains the same exacting high standards. The United Kingdom Accreditation Service (UKAS) and Swiss Accreditation Service (SAS) verify that our laboratories comply with ISO/IEC 17025:2005, the testing and calibration laboratory standard.

NB: The use of the UKAS/SAS accreditation mark does not imply that all activities are accredited by UKAS/SAS. Accreditation covers the laboratory activities in accordance with the Schedule of Accreditation which can be found on the Spectro | Jet-Care website.



“We have been providing high quality analysis services to the global aviation industry since 1976. Our goal? To save you time and money by dealing with problems before they arise.”

David Glass | Founder

**SPECTRO | JET-CARE**  
Odiham | Hampshire | UK  
T +44 (0) 1256 704000

**JET-CARE**  
Cedar Knolls | NJ | USA  
T +1 973 292 9597

**SPECTRO**  
Kaiseraugst | Switzerland  
T +41 (0) 61 815 90 20

[spectro-oil.com](http://spectro-oil.com) | [jet-care.com](http://jet-care.com)

