



# SPECTRO JET-CARE



## FUEL VERIFICATION

Fuel – the lifeblood of any yacht - can be of variable quality, despite what is indicated on the bunker delivery note. The only way to verify that quality is to sample and test it.

The consequences of off-spec fuel can be significant and not only in engine performance but downstream too, with microbial contamination and, of equal seriousness, the environmental and legal implications of a high sulphur content. Six figure fines and vessel arrest have occurred.

Since IMO 2020 there is a huge stress on the supply chain for distillate fuel and this has caused off-spec fuel to circulate with anomalies such as Flash Point, Sulphur level, as well as excess Water and FAME content, which are the unwelcome precursors to microbial contamination.

The Spectro | Jet-Care Fuel Verification Kit comprises three 500 ml sample bottles with tamper proof unique numbered tags. Samples are taken and tagged during delivery (we suggest photographing this action and sharing same with supplier at the time of delivery).

One sample is sent (prepaid) to our laboratory and the other two remain on board for potential verification purposes. This could be a Port State Authority, or Coastguard, questioning Sulphur content or a dispute with the fuel supplier, if the lab report shows off-spec fuel. The tamper proof tagged bottles are undeniable proof that they are samples from that specific fuel delivery.

### Quality Analysis Services

UKAS, the United Kingdom Accreditation Service and SAS, the Swiss Accreditation Service, ensure all our laboratories comply with the ISO/IEC 17025:2017 standard.



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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 either our website or the UKAS / SAS websites.

### Test Suite For Fuel Verification

- Water
- Microbiological
- FAME
- Sulphur
- Flash Point

### CONTACT US

For further information about our sample kits take a look at our website.  
[www.spectro-oil.com/marine-kits](http://www.spectro-oil.com/marine-kits)

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## FUEL ANALYSIS