

Fuel Lab

Portable Fuel & Oil Lab



TecnoVeritas
Services of
Engineering & Systems
Technology Ltd.

**MAKE SURE THAT THE
FUEL QUALITY YOUR
ENGINE IS BURNING IS
ADEQUATE.**

**TO AVOID TROUBLES
AND SAVE TIME AND
MONEY, A PROPER
FUEL OIL ANALYSIS
MUST BE PERFORMED.**

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TecnoVeritas is offering Portable Fuel & Oil Lab, optionally with a Drip Sampling Flange (according to standard ISO 3170:2004), allowing to sample fuel during bunkering operation and to analyse it.

Fuel Oil Tests

- Density: Ranging from 850 to 1050 kg/m³
- Water content: Accuracy 0.1%, Detection limit 0.1%
- Water nature: Sea water/fresh water (Qualitative)
- Viscosity according to ISO 2431: Any temperature up to 100°C electronically selectable accuracy > 1%
- Asphaltenes contents: Limits ranging from 0 to 20%
- Fuel Compatibility according to ASTM 4740
- Fuel Stability ASTM D 2781
- Lower calorific value: Accuracy 1%
- Calculated Carbon Aromaticity Index, Detection of catalytic fines

Lubricating and Hydraulic Oil analysis

- Density: Ranging from 0.60 to 850 kg/m³
- Water content: Accuracy 0.1%, Detection limit 0.1%
- Water nature: Sea water/fresh water/Quality
- Viscosity according to ISO 2431: Any temperature up to 10°C electronically selectable accuracy > 1%
- Insoluble contents: Ranging from 0.1% to 1.7%
- Fuel on oil dilution contents

