

## MARINE FUEL:

# IFO40

A standard low sulphur 40cst fuel. Sulphur Emission Control Area (SECA) compliant at 1.5% sulphur max. All components are sourced from local refiners, producing a quality, low risk fuel.

Gas Oils and Marine Diesel Oils provide clean burning energy for small vessels and are often used to power the auxiliaries of larger ships whilst at berth.

### Benefits

- Low sulphur fuel
- All blend components sourced from local refiners
- Easily meets ISO 8217 specifications

### Availability

Marine IFO40 is available directly from ESL Fuels and also via some of the leading fuel distributors in the North West.



### Specifications

ISO 8217 Parameters

Test description	Specifications
Density at 15 °C	980 kg/m <sup>3</sup> max
Viscosity at 50 °C	40 mm <sup>2</sup> /s max
Flash Point	60 °C min
Pour Point - Winter	30 °C max
Pour Point - Summer	30 °C max
Carbon Residue %	14 m/m max
Ash Content %	0.1 m/m max
Water Content %	0.5 m/m max
Sulphur %	4.0 m/m
Vanadium	350 mg max
Total Sediment potential	0.1 m/m max
Aluminium plus silicon	80 m/m max
Zinc	15 mg/kg max
Phosphorus	15 mg/kg max
Calcium	30 mg/kg max



**martindale**  
Fuels



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