



# Gulf Yacht ULSD

## Product Information Sheet

Ingangsdatum: 01 / 02 / 2019  
Vervangt: 01 / 12 / 2016  
Revisienummer: 02

### 1.1. Productinformatie

Trade name	Gulf Yacht ULSD (B0)
Primary use	ULTRA low sulphur fuel for use in diesel engines and other combustion equipment
Product code	2305

### 1.2. Productbeschrijving

**Gulf Yacht ULSD** is an ultra-low sulphur diesel fuel for diesel engines in (**Sea and Inland**) shipping and combustion equipment, meets the required **European standard EN 590**. **Gulf Yacht ULSD** has a sulphur content of **maximal 10 mg/kg (10 PPM)**. By using additional additives **Gulf Yacht ULSD** also remains without problems applicable under winter conditions.

Physical Characteristics:	Specifications:	Test methods:
Appearance @ 20 °C	Clear and Bright	Visual inspection
Solvent Yellow 124	Min 6,0 – Max 9,0 mg/l	HPCL
Colour	Undyed	Visual inspection
Density at 15°C	820.0 - 845.0 kg/m <sup>3</sup>	EN ISO 3675 / 12185
Viscosity at 40°C	2.00 - 4.50 mm <sup>2</sup> /s	EN ISO 3104
Cetane index	Min. 46.0	EN ISO 4264
Sulphur content	Max. 10.0 mg/kg	EN ISO 20884 / 20846
Cetane number	Min. 51.0	EN ISO 5165 / EN 15195 / 16144
Lubricity	Max. 460 µm	EN ISO 12156-1
Flash point	Min 60°C	EN ISO 2719
Content of Fatty Acid Methyl Esters (FAME)*	Max. 0,5 % (v/v)	EN 14078
<b>Cloud Point:</b> Summer (April - September) Intermediate (March / October / November) Winter (November - February)	Max. +4°C Max. 0°C Max. -5°C	EN 23015
<b>CFPP:</b> Class B – April - September Class C – March / October / November Class F – December - February	Max. 0°C Max. -10°C Max. -20°C	EN 116 / 16329
Carbon residue (on 10% distillation residue)	Max. 0.30 % m/m	EN ISO 10370
Ash content	Max. 0.01 % m/m	EN ISO 6245
Copper strip corrosion (3h at 50°C)	Class 1	EN ISO 2160
Water content	Max. 200 mg/kg	EN ISO 12937
Total contamination	Max. 24 mg/kg	EN 12662

\* Gulf strives for a nil FAME content. Due to logistic reasons a certain amount of FAME cannot be avoided.