



# Gulf Yacht ULSD

## Product Information Sheet

Effective date: 01 / 12 / 2016

Replaces: -

Revision number: 01

### 1.1. Product information

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. Product description

**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	Bright and clear	Visually
Solvent Yellow 124	Min 6,0 - Max 9,0 mg/l	HPCL
Colour	Undyed	Visually
Density @ 15°C	Min 820 - Max 845 kg/m <sup>3</sup>	EN-ISO 3675 / EN-ISO 12185
Viscosity @ 40°C	Min 2,0 - Max 4,5 mm <sup>2</sup> /s	EN-ISO 3104
Cetane index	Min 46	EN-ISO 4264
Sulphur content	Max 10 mg/kg (10 ppm)	EN-ISO 20846 / EN-ISO 20884
Lubricity	Max 460 µm	EN-ISO 12156-1
Flashpoint	Min 60°C	EN-ISO 2719
Content of Fatty Acid Methyl Esters (FAME)	Max 0,3 % (v/v)	EN-14078
Cloud point Summer (April - September) Intermediate (March / October / November) Winter (December - February)	Max +4°C Max 0°C Max -5°C	EN-23015
Cold Filter Plugging Point (CFPP) 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
Micro carbon residue (After 10% distillate)	Max 0.3% m/m	EN-ISO 10370
Ash content	Max 0.01% m/m	EN-ISO 6245
Copper strip corrosion (3 hours @ 50°C)	Class 1	EN-ISO 2160
Water content	Max 200 mg/kg (200 ppm)	EN-ISO 12937
Total amount of pollution	Max 24 mg/kg (24 ppm)	EN-12662