



Gulf Marine ULSD

Product Information Sheet

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1.1. Product information

Trade name	Gulf Marine 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 Marine 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 Marine ULSD** has a sulphur content of **maximal 10 mg/kg (10 PPM)**. By using additional additives **Gulf Marine 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	Red	Visually
Density @ 15°C	Min 820 - Max 845 kg/m ³	EN-ISO 3675 / EN-ISO 12185
Viscosity @ 40°C	Min 2,0 - Max 4,5 mm ² /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