



Gulf Diesel

Product Information Sheet

Effective date: 01 / 12 / 2016

Replaces : 26 / 04 / 2016

Revision number: 04

1.1. Product information

Trade name	Gulf Diesel
Primary use	Fuel for diesel engines for road vehicles and other combustion equipment
Product code	2303

1.2. Product description

Gulf Diesel is an ultra low sulfur fuel for use in diesel engines for road vehicles and other combustion equipment; it fulfills the set European EN 590 norm. Gulf Diesel has a sulfur content of maximal 10 mg/kg (10 ppm).

Physical Characteristics:	Specifications:	Test methods:
Cetane number	Min 51	EN-ISO 5165 / EN-15195
Cetane index	Min 46	EN-ISO 4264
Density @ 15°C	Min 820 - Max 845 kg/m ³	EN-ISO 3675 / EN-ISO 12185
Polycyclic Aromatic Hydrocarbons	Max 8% m/m	EN-12916
Sulphur content	Max 10 mg/kg (10 ppm)	EN-ISO 20846 / EN-ISO 20884
Manganese content	Max 2.0 mg/l	prEN-16576
Flashpoint	Min 55°C	EN-ISO 2719
Carbon residue (on 10% distillation residue)	Max 0,3% m/m	EN-ISO 10370
Ash content	Max 0,01% m/m	EN-ISO 6245
Water content	Max 200 mg/kg (200 ppm)	EN-ISO 12937
Total amount of pollution	Max 24 mg/kg (24 ppm)	EN-12662
Copper strip corrosion (3 hours @ 50°C)	Klasse 1	EN-ISO 2160
Content of Fatty Acid Methyl Esters (FAME)	Max 7% (v/v)	EN-14078
Oxidation stability	Min 20 h - Max 25 g/m ³	EN-ISO 12205 / EN-15751
Lubricity diameter of wear work (wsd 1,4) bij 60°C	Max 460 µm	EN-ISO 12156-1
Viscosity @ 40°C	Min 2,0 - Max 4,5 mm ² /s	EN-ISO 3104
Distillation course Evaporation @ 250°C Evaporation @ 350°C 95% recovered @:	Max 65% (v/v) Min 85% (v/v) Max 360°C	EN-ISO 3405 EN-ISO 3924
Cloud point Summer (April - September) Intermediate (March / October / November) Winter (December - February)	Max +4°C Max 0°C Max -5°C	EN-23015



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Cold Filter Plugging Point (CFPP) Class B – April - September Class C – March / October / November Class F – December t/m February	Max 0°C Max -10°C Max -20°C	EN-116 / 16329
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