

Marine Gasoil 0,005% S - Dyed

Marine Gasoil, Denmark

Description

Marine Gasoil is a low viscosity gasoil with boiling point range from 200°C. to 385°C. The Marine Gasoil is classified fire danger class III-1 in Denmark (Flash Point higher than 55°C. and lower than 100°C. and the product is not soluble in water).

Application

Marine Gasoil is used as fuel in the marine marked. Marine Gasoil 0,005%S (50 ppm S) - Dyed contains dye substance according to Danish Tax Ministry legislation no. 983 of October 18th, 2005 regarding dyeing of gasoil and kerosene in Denmark and must only be used for applications described in the legislation.

Note: According to legislation by the Ministry of environment then Marine Gasoil 0,005% S - Dyed is not allowed for use in vehicles.

Specification

Marine Gasoil 0,005% S - Dyed meets the requirements for DMA in ISO 8217:2005.

Typical data

Marine Gasoil - 0,005% S	Method	Data
Density, 15 °C., g/l	EN12185	820-870
Viscosity, 40°C., cSt. Min. - Max.	ASTM D 445	1,9-3,7
Flash Point, min. °C.	EN ISO 2719	61
Sulphur, max. weight %	ASTM D 5453	0,005
Water, max. mg/kg	EN12937	150
Water, max. mg/kg	ASTM D 1744	150
Conradsen Carbon Residue - @10% distillation residue, max. vægt%	EN 10370	0,15
Ash max. weight %	EN 6245	0,01
Distillation T 85%, max. °C.	EN 3405	360

Cold Flow Properties

	Method	Data
Cold Filter Plugging Point (CFPP), max. °C.	EN116	÷20
Cloud Point, max. °C	EN23015	÷8



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Typical Environmental Data

Marine Gasoil - 0,005% S	Data
SO ₂ emission, g/l	0,08
TTW CO ₂ emission, kg/l	2,6

Typical Energy Data

Marine Gasoil - 0,005% S	Data
Lower Heating value, typical MJ/kg	42,7
Energy content, kWh/l	10

Definitions

- Density: Mass of substance per unit volume.
- Viscosity: Is a measure of the resistance to flow.
- Flashpoint: The lowest temperature at which the fuel deliver a vapor that is flammable.
- Ash: The weight of the ash left after the oil has combusted.
- Cloud Point: The temperature at which the fuel, when cooled, begins to congeal and present a cloudy appearance owing to the formation of wax.
- CFPP: The temperature at which the fuel can be expected to block a standard filter under standard conditions due to crystallization of paraffin.
- Conradsen Carbon Residue: Is indicating the tendency of carbon generation by heating the oil with deficit of oxygen.
- Distillation, T 85%: The temperature at which 85% of the product is vaporised.

Material Safety Data Sheet

Guidance on Health and Safety is available on the Material Safety Data Sheet, which can be downloaded www.dccenergi.dk.

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MARINE GASOIL 0,005% DYED UK
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