



Marine gas oil (10ppm)

Product:

Ultra-low sulphur, FAME Free
gas oil (marked and unmarked)

Applicable standards:

BS EN 590: 2022

Use:

In marine diesel engines designed to run
on automotive diesel fuel

Sales specification		Units	Minimum	Maximum
Cetane number		-	51.0	-
Cetane index		-	46.0	-
Density at 15°C		kg/m ³	820.0	845.0
Winter only (1 November – 15 March)		kg/m ³	815.0	
Polycyclic aromatic hydrocarbons	[2]	% (m/m)	-	8
Sulphur content		mg/kg	-	10.0
Flash point (PMCC)	[6]	°C	60	-
Carbon residue (on 10% distillation residue)		% (m/m)	-	0.30
Ash content		% (m/m)	-	0.01
Water content		mg/kg	-	200
Total contamination		mg/kg	-	24
Copper corrosion (3h at 50°C)		rating	-	Class 1
Fatty acid methyl ester content		% (v/v)		0.5%
Oxidation stability		g/m ³		25
Rancimat if FAME > 2%		hrs	20	-
Lubricity, corrected wear scar diameter at 60°C		Micron	-	460
Viscosity at 40°C		mm ² /s	2.00	4.50
Strong acid		mgKOH/g	-	nil
Cloud point				
Summer (16 March – 31 October)		°C	-	3
Winter (1 November – 15 March)		°C	-	-5
Distillation characteristics				
Recovered at 250°C		% (v/v)	-	<65
Recovered at 350°C		% (v/v)	85	-
95% point		°C	-	360
Cold filter plugging point				
Summer (16 March – 31 October)		°C	-	-5
Winter (1 November – 15 March)		°C	-	-15

Additional Information

1. Visual appearance should be clear and bright and free from undissolved water
2. Polycyclic aromatic hydrocarbons are defined as the total aromatic hydrocarbon content less the mono-aromatic hydrocarbon content
3. Gas oil is deemed to be FAME free if FAME content is <0.5% v/v
4. The Summer and Winter dates specified above apply to diesel being delivered from our import depots
5. Health, Safety and Environmental information is given on Material Safety Data Sheet
6. Flash point tested at terminal to be minimum 60°C (as required by marine gas oil spec in BS ISO 8217:2024)

**All Greenergy fuels are designed for optimum operating and emissions performance.
For further information phone 020 7404 7700.**