

Marine Gas Oil

Product:
Ultra-low sulphur, FAME
free gas oil

Applicable standards:
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
Polycyclic aromatic hydrocarbons [2]	% (m/m)	-	8.0
Sulphur content	mg/kg	-	10.0
Flash point (PMCC) [3]	°C	60.0	-
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 [4]	% (v/v)	-	0.5
Oxidation stability	g/m ³	-	25
Lubricity, corrected wear scar diameter at 60°C	Micron	-	460
Viscosity at 40°C	mm ² /s	2.0	4.50
Strong acid	mgKOH/g	-	nil
Cold filter plugging point			
Summer (16 March - 31 October)	°C	-	-5
Winter (1 November - 15 March)	°C	-	-15
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

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. Flash point tested at terminal to be minimum 60°C (as required by marine gas oil spec in BS ISO 8217:2024)
4. Gas oil is deemed to be FAME free if FAME content is <0.5%
5. The Summer and Winter dates specified above apply to diesel being delivered from our import depots.
6. Health, Safety and Environmental information is given on Safety Data Sheet.