

## UK Marine Gas Oil Specification

Component Name	Units	Min	Max	Method
Appearance (@15°C)		C&B, Free from Visible Sediment & Water		Visual
Ash Content	%		0.010	EN ISO 6245
Cetane Index		40		EN ISO 4264
Cetane Number		40		EN ISO 15195
Cloud (Aim)	°C		+3 (S) -2 (W)	EN 23015 / ISO 3015
Cold Filter Plugging Point	°C		-4 (S) -12 (W)	EN 116
Copper Corrosion	3hr @ 50°C		Class 1	EN ISO 2160
Density	kg/l @ 15°C	0.8200	0.8900	EN ISO 12185
% Recovered @ 250°C	Vol %		64.9	EN ISO 3405
% Recovered @ 350°C	Vol %	Report		
95% Recovered @	°C		385	
Fatty Acid Methyl Ester (FAME) Content	%		<0.5	EN 14078
Flash Point	°C	60.0		EN ISO 2719
Hydrogen Sulphide	mg/kg		2.00	IP 570
Lubricity, corrected WSD @ 60°C	µm		520	EN ISO 12156-1
Manganese Content	mg/l		2.0	EN 16135
Carbon Residue on 10% dist residue <sup>3</sup>	%		0.30	EN ISO 10370
Odour		Merchantable		
Oxidation Stability	g/m <sup>3</sup>		25.0	EN ISO 12205
Pour Point	°C		0 (S) -6 (W)	ISO 3016
Strong Acid Number	mg KOH/g		0.0	BS ISO 6618
Sulphur	% (m/m)		0.10	EN ISO 20846
Total Contamination	mg/kg		24.0	EN 12662
Visco @ 40°C	mm <sup>2</sup> /s	2.00	6.00	EN ISO 3104
Water	mg/kg		300.00	EN ISO 12937

**Notes:**

- Unless otherwise advised, the following seasonal dates apply:

At Refinery:	Summer:	16 March to 15 October (Incl)
	Winter:	16 October to 15 March (Incl)
At Terminal:	Winter:	01 November to 15 March (Incl)
At End Point:	Winter:	16 November to 15 March (Incl)
- Latest test methods or technical equivalents used.
- May contain ignition improver in which case the MCR & Cetane Index tests are not valid and cetane number will apply.
- This product shall normally meet **BS2869:2017 (Part 2: Class D)** & always meet **BS ISO 8217:2017 (Marine Gas Oil) DMA**
- 50% Evaporation is a HMRC requirement. Dyed where required.
- This document is accurate at the date of issue and supersedes all previous issues.

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