



Marine Gas Oil UK Marketing 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 ³		45		EN ISO 4264
Cetane Number		45		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	0.8800	EN ISO 12185
% Recovered @ 250 C	Vol %		65.0	EN ISO 3405
% Recovered @ 350 C	Vol %	85.0		
50% Recovered @	°C	240.0	340.0	
Fatty Acid Methyl Ester (FAME) Content	%		<0.1	EN 14078
Flash Point	°C	60.0		EN ISO 2719
Hydrogen Sulphide	mg/kg		2.00	IP 570
Lubricity, corrected WSD @ 60c	µm		460.0	EN ISO 12156-1
Manganese Content	mg/l		2.0	EN 16135
Carbon Residue on 10% dist residue ³	%		0.30	EN ISO 10370
Odour		Merchantable		
Oxidation Stability	g/m ³		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 @ 40c	mm ² /s	2.00	5.00	EN ISO 3104
Water	mg/kg		200.00	EN ISO 12937

Notes:

- Unless otherwise advised the following seasonal dates apply at Refinery :-

Summer:	16 March - 15 October (incl)
Winter:	16 October - 15 March (incl)
at Terminal :-	Winter: 01 November - 15 March (incl)
at End Point :-	Winter: 16 November - 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 always meet **BS2869:2017 (Part 2 : Class D) & 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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