



Sulphur Free Gas Oil UK Marketing Specification

Component Name	Units	Min	Max	Method
Appearance (@Ambient Temp)		C&B, Free from Visible Sediment & Water		Visual
Ash Content	%		0.01	EN ISO 6245
Cetane Index		45		EN ISO 4264
Derived Cetane Number		45		EN ISO 15195
Carbon Residue on 10% dist residue ⁴	%		0.30	EN ISO 10370
Colour ⁵		Red		
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		EN ISO 12185
% Recovered @ 250 C	Vol %		65.0	EN ISO 3405
% Recovered @ 350 C	Vol %	85		
50% Vol Recovered ⁵	°C	240	340.0	
Fatty Acid Methyl Ester (FAME) Content	%		7.0	EN 14078
Flash Point	°C	56.0		EN ISO 2719
Lubricity, corrected WSD @ 60 °C	µm		460.0	EN ISO 12156-1
Manganese Content	mg/l		2.0	EN 16135
Odour		Merchantable		
Oxidation Stability 0.0 - 7.0% FAME	g/m ³		25.0	EN ISO 12205
Oxidation Stability 2.0 - 7.0% FAME	hours	20		EN 15751
Strong Acid Number	mg KOH/g		0.0	BS ISO 6618
Sulphur	@ Manufacture	mg/kg	10.0	EN ISO 20846
	@ End User		20.0	
Total Contamination	mg/kg		24.0	EN 12662
Visco @ 40c	mm ² /s	2.00	5.00	EN ISO 3104
Water	mg/kg		200.0	EN ISO 12937

Notes:

- Unless otherwise advised the following seasonal dates apply at point of sale :
 Summer: 16 March - 15 November (incl)
 Winter: 16 November - 15 March (incl)
- Latest test methods or technical equivalents used
- FAME shall meet the requirements of EN 14214
- May contain ignition improver in which case the MCR test is not valid and cetane number will apply
- 50% Evaporation and addition of Dye are a HMRC requirement.
- This product shall always meet **BS2869:2017 (Incl Part 1 : Class 2 & Part 2 : Class D)**
- This document is accurate at the date of issue and supersedes all previous issues

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