

CONOCOPHILLIPS LIMITED / JET :- UK MARKETING SPECIFICATION

GAS OIL (BS 2869 CLASS A2)

SHEET 5

PROPERTY & UNITS	LIMIT		TEST METHOD Note (1)
Appearance		Free from visible water and sediment	Visual
Colour		Red	Visual
Odour		Merchantable	
Density @ 15C g/ml	Typical Range	0.820 - 0.875	BS 2000-160 or 365
Cold Filter Plugging Point			BS 2000-309
Winter C (Note 2)	Max	-12	
Summer C (Note 2)	Max	-4	
Cloud Point			ASTM D2500 / IP219
Winter C (Note 2)	Max	-2	
Summer C (Note 2)	Max	+3	
Flash Point (PMCC) C	Min	56	BS 2000-34
Cetane Number / DCN or Cetane Index	Min	45 (Note 4)	BS 2000-41 / IP 498:2006
	Min	45 (Note 4)	BS 2000-380
Viscosity cSt @ 40C			BS 2000-71 Section 1
Winter C (Note 2)	Min - Max	1.5 - 5.5 (Winter)	
Summer C (Note 2)	Min - Max	2.0 - 5.5 (Summer)	
Sulphur % Wt	Max	0.10	BS 2000-336
Copper Corros'n (3 Hr @ 100C)	Class	1	BS 2000-154
Carbon Residue (micro) :- Residue wt% on 10% Bottoms	Max	0.30	BS 2000-398
Ash % Wt	Max	0.01	BS 2000-4
Sediment (mg/kg)	Max	24	IP 415
Water content (mg/kg)	Max	200	BS 2000-438
Distillation C			BS 2000-123
% Vol Rec @ 350C	Min	85	
% Vol Rec @ 250C	Max	65	
50% Vol Recovered	Range	240 - 340	Note 3
Strong Acid Number		Zero	BS 2000 -139
Lubricity (wear scar dia, micron)	Max	460	BS 2000 - 450
FAME content (%v/v) (Note 6)	Max	7	BS EN 14078

**THIS SPECIFICATION IS REPRESENTATIVE OF THE PRODUCT SUPPLIED BY CONOCOPHILLIPS LIMITED
THE PRODUCT WILL ALWAYS MEET BS 2869 (LATEST EDITION) CLASS A2 & I**

Notes.

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| 1) Latest Test Methods or technical equivalent used | 4) May contain an ignition improver in which case
(i) the carbon residue test is not valid and
(ii) the cetane number minimum will apply. |
| 2) Unless otherwise advised the following seasonal dates apply :-
Summer : 16 March - 30 September
Winter : 1 October - 15 March | 5) Product will be marked with HMR&C statutory mark |
| 3) 50 % evaporated is an HMR &C requirement. | 6) FAME content must meet EN 14214 |

THIS SPECIFICATION IS ACCURATE AT THE DATE OF ISSUE, AND SUPERSEDES ALL PREVIOUS ISSUES.