

Specification Sheet
Gas Oil Class A2
(Sulphur Free (Max 10 PPM) Gas Oil to
BS 2869: 2010-Part 1: Class A2)



Company: Rix Petroleum Limited
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Date of issue: March 2012

PROPERTY & UNITS	LIMIT		TEST METHOD Note (1)
Appearance		Free from visible water and sediment	Visual
Colour		Red	Visual
Odour		Merchantable	
Density @ 15C (kg/m ³)	Typical Range	820.0 – 875.0	BS EN ISO 3675 / 12185
Cold Filter Plugging Point			BS EN 116
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 EN ISO 2719
Cetane Number / DCN or Cetane Index	Min	45.0 (Note 5)	BS EN ISO 5165 / BS 2000-498
	Min	45.0 (Note 5)	BS EN ISO 4264
Kinematic viscosity mm ² /s @ 40C	Min – max	2.00 – 5.00	BS EN ISO 3104
Sulphur content (mg/kg)			BS EN ISO 20846 / 20884
At point of manufacture	Max	10 (Note 8)	
At point of distribution to end user	Max	20 (Note 8)	
Copper Corrosion (3 Hr @ 50C)	Class	1	BS EN ISO 2160
Carbon Residue (micro): Residue wt% on 10% Bottoms	Max	0.30	BS EN ISO 10370
Ash content % (m/m)	Max	0.01	BS EN ISO 6245
Particulate content (mg/kg)	Max	24	IP 415
Water content (mg/kg)	Max	200	BS EN ISO 12937
Distillation C			BS EN ISO 3405
% Vol Rec @ 350C	Min	85	
% Vol Rec @ 250C	Max	65	
50% Vol Recovered (Note 3)	Range	240 – 340	
Strong Acid Number (mgKOH/g)		Zero	BS ISO 6618
Lubricity (wear scar dia, micron)	Max	460	BS 2000 - 450
Oxidation stability			
0.0% - 7.0% FAME g/m ³ (Note 6)	Max	25	BS 2000-388
2.0% - 7.0% FAME h	Min	20	BS EN 15751
FAME content (%v/v) (Note 7)	Max	7.0	BS EN 14078

Notes:

- Latest Test Methods or technical equivalent used.
- Unless otherwise advised the following seasonal dates apply ex refinery or import terminal:
 Summer: 16 March – 15 October inc
 Winter: 16 October – 15 March inc
 Winter: 01 November - 15 March inc for delivery from terminals
- 50% evaporated is an HMRC requirement.
- Product will be marked with HMRC statutory marker.
- May contain an ignition improver in which case
 (i) the carbon residue test is not valid and
 (ii) the cetane number minimum will apply.
- This test applies to all fuels, additional Rancimat only applies to those fuels containing > 2.00 % FAME
- FAME must meet BS EN 14214
- 10/20 ppm sulphur limits applicable from 1 Jan 201.

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