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10PPM Sulphur Gasoil EN 2869:2010 + A1:2011 Class A2

Property	Units	Limits Min	Limits Max		Test Method (Note 1)
Kinematic Viscosity at 40°C	mm^2/s	2			BS EN ISO 3104
Density at 15 deg C	kg/m^3	820.0			BS EN ISO 3675 or 12185
Cetane Number		45			BS EN ISO 5165 or BS EN ISO 20200-498
(Note 3) Cetane Index		45			BS EN ISO 4264
Carbon Residue:	% (m/m)		5		
(on 10% distillation residue) (Note 4)			-		BS EN ISO 10370
Distillation: (Note 5)	% (V/V)	-	-		BS EN ISO 3405
Recovery at 250°C	% (V/V)		-	0.30	
Recovery at 350°C	°C	85.0			
Flash Point	mg/kg	56	65.0		BS EN ISO 2719
Water content		-	-		BS EN ISO 12937
Sediment / Total Contamination (or Particulate Matters)	mg/kg		-	200.0	
Ash	% (m/m)	-			IP 415
Sulphur content: (Note 6)	mg/kg	-	24.0		BS EN ISO 6245
At manufacture / purchase	ppm	-	0.01		BS EN ISO 20846 or 20884
At point of final distribution	ppm		10		
Copper Corrosion (3 h @ 50°C)	Class		20		BS EN ISO 2160
			1		
Cold Filter Plugging Point					BS EN 116
Winter	°C (Note 2)	-			
Summer	°C (Note 2)	-	-12		
Strong Acid Number	mg KOH/g	-	-4		BS 6618
Lubricity, Corrected Mean Wear Scar Diameter (wsd 1.4) at 60 deg C			Zero		
Oxidation Stability:	µm	-			BS 2000-450
0.0 - 7.0% FAME (Note 7)			460		
2.0 - 7.0% FAME	g/m^3 h	-			BS 2000-388
Fatty acid methyl ester (FAME) content	% (V/V)	20.0 -	25.0 -	7.0	BS EN 15751 BS EN 14078

Notes

1. Latest test methods or technical equivalent used.
2. Unless otherwise advised the following seasonal dates apply: Summer: 16/03 - 15/11, Winter: 16/11 - 15/03
3. May contain an ignition improver in which case carbon residue test is not valid and the cetane number minimum will apply.
4. The limiting value for carbon residue is based on product prior to addition of ignition improver, if used. If a value exceeding the limit is obtained on a finished fuel, alkyl nitrate presence should be calculated in accordance with BS EN ISO 13759. If an ignition improver is present, the limit value for carbon residue of the product shall not be applied. Use of additives does not exempt fuels from conforming to the maximum 0.30% (m/m) carbon residue prior to addition.
5. Calculation of the cetane index will also require distillation values at 10%, 50% and 90% (V/V) recovery points.
6. Sulphur measurements include HMRC approved marker.
7. Oxidation stability by BS 2000-388 is a requirement for all fuels. BS EN 15751 is an additional requirement for fuels containing FAME at concentrations at/or exceeding 2.0% (V/V).
8. FAME meets the requirements of BS EN 14214.

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