

TOPAZ ENERGY LTD - PRODUCT SUPPLY SPECIFICATION

LIGHT FUEL OIL SULPHUR 1%

SAP No: 40003229
FSIA (PSS) No: 55742

BS 2869 – 1998 Class E	Applicable period:-		All Year	Spec Ref Method	IP / ASTM D Equiv. Method	note	
Kinematic Viscosity @ 100°C	mm ² /s	max	8.2	BS EN ISO 3104	IP 71/ D 445		
Flash Point	°C	min	68.0	BS EN 22719	IP 34 / D 93	(a) (b)	
Sulfur Content	%mm	max	1.0	BS EN ISO 8754	IP 336		
Water Content	%v/v	max	0.5	BS EN ISO 3733 ¹	IP 74		
Ash Content	%mm	max	0.1	BS EN ISO 6245	IP 4 / D 482		
Carbon Residue	%mm	max	15.0	BS EN ISO 10370	IP 398 / D 4530		
Sediment	Existent HFT	%mm	max	0.10	BS 2000-375	IP 375	
	Accelerated HFT	%mm	max	0.10	---	IP 390 2b, SMS 2696	
Strong Acid No:	mg/koh/g		zero	BS 2000-139	IP 139		
Density at 15°C	kg/m ³	max	0.980	---	IP160, 365		
Odour			Marketable	---		(c)	
Pour Point	°C	max	30	---	D 97		
Hydrogen Sulphide	mg/kg	max	2	---	IP PM -BJ		
Asphaltenes	%mm	min	0.5	---	IP 143	(b)	
Sodium (as a metal)	mg/kg	max	150	---	D1318, SMS1650		
Aluminium	mg/kg		report			(d)	
Vanadium (metal)	mg/kg	max	300				

¹ Until BS EN ISO 3733 is published, test shall conform to IP 74/82

Tests in italics are not part of the above BS 2869 specification but are additional requirements by SUK OP.

- (a) Flash Point min 68°C on production, min 66°C ex secondary distribution locations.
- (b) Asphaltenes of 0.1% m is permitted provided Flash Point does not exceed 150°C. If Flash Point exceeds 150°C Asphaltenes content must not exceed 0.5%m.
- (c) Odour test to be carried out at a minimum temperature of 40°C.
- (d) Aluminium content to be determined and reported if Ash content of any batch exceeds 0.03%