

Analytical Report No: EP18-01659.005

Date: 14-Mar-2018

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The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the below results. Users of the data shown on this report should refer to the latest published revisions of ASTM D3244; IP 367 and ISO 4259 and when utilising the test data to determine conformance with any specification or process requirement. With respect to the UOP methods listed in the report below the user is referred to the method and the statement within it specifying that the precision statements were determined using UOP Method 999. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Tests marked with an asterisk (*) are outside the scope of this laboratory's ISO/ IEC 17025 accreditation.

CLIENT ID :	TBA	PRODUCT DESCRIPTION :	Heavy Fuel Oil - BS2869:2010
SAMPLE SOURCE :	As Supplied	SOURCE ID :	1% FORMULA 30% WATER
SAMPLE TYPE :	HFO 380 class G	SAMPLE BY :	Client
SAMPLED :	--	RECEIVED :	07-Mar-2018
ANALYSED :	13-Mar-2018	COMPLETED :	13-Mar-2018


PROPERTY	METHOD	RESULT UNITS	MIN	MAX
Kinematic Viscosity at 70°C (158°F)	IP 71	264.8 cSt	--	--
Sulfur	IP 336	0.68 % (m/m)	--	1.0
Water Content	IP 74	[31] % (V/V)	--	1.0 #
Ash Content	IP 4 / ISO 6245	0.060 % (m/m)	--	0.15
Total Sediments - Existent	IP 375	0.06 % (m/m)	--	0.15
Strong Acid Number - Acid	IP 139	Zero mg KOH/g	Zero	--

**** End of Analytical Results ****

- Result is outside of test method limits and/or analytical range used in method precision study

[] - Out of Specification

AUTHORISED SIGNATORY



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 Duty Manager

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