

附件 2

品质证书

原油第一批标的 1-1



CERTIFICATE OF QUANTITY AND QUALITY OF QATAR MARINE CRUDE OIL

C/ 6251
DATE: 13/03/2020

Delivered to Vessel : MARLIN SUEZ
Flag : SINGAPOREAN
Port of Loading : HALUL ISLAND, QATAR
Destination : ONE OR MORE SAFE PORT(S), CHINA
Consignees : TO THE ORDER OF COSMO OIL CO., LTD.

Arrived at 0712 hrs., on 12/03/2020
Commenced loading at 0001 hrs., on 13/03/2020
Completed loading at 1554 hrs., on 13/03/2020
Sailed at 1800 hrs., on 13/03/2020

(Volume corrections based on ASTM - IP Tables ASTM Designation D - 1250 - Table 24.)

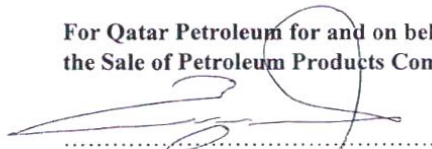
Before loading, Tank to Manifold lines were FULL
After loading, Tank to Manifold lines were FULL

QUANTITY OF CRUDE OIL DELIVERED			
	LONG TONS OF 2240 lbs	METRIC TONS LT X 1.01605	U.S. BARRELS OF 42 U.S. GALLONS AT 60°F
GROSS	115,582	117,437	857,296
NET	115,524	117,378	856,868

QUALITY OF CRUDE OIL DELIVERED	
CALCULATED AVERAGE API GRAVITY AT 60°F	32.37
CALCULATED AVERAGE SPECIFIC GRAVITY AT 60/60°F	0.8635
CALCULATED AVERAGE SALT CONTENT OF GROSS OIL IN POUNDS PER THOUSAND BARRELS	50.00

The foregoing is a correct statement of the quantity and quality of crude oil delivered to the above named vessel at Halul Terminal.

For Qatar Petroleum for and on behalf of the Seller, Qatar Petroleum for the Sale of Petroleum Products Company Limited (QSPSP)



TERMINAL SUPERVISOR

for

CARGO SURVEYOR



原油第一批标的 1-2

SHIPS MASTER

Hound Point Dalmeny Tanker Management System

FORTIES BLEND CRUDE OIL Quantity/Quality/Origin Certificate Copy HPMT

The undersigned company, INEOS FPS LIMITED, declares that the entire quantity of Parcel(s) 1540254 Apache North Sea Limited

Parcels	Cubic Metres at 15C		Barrels at 60F		Metric Tons		Long Tons	
	Gross	Nett	Gross	Nett	Gross	Nett	Gross	Nett
1540254	21837.476	21815.638	137420	137283	17907.569	17884.528	17648.331	17625.640
Totals	21837.476	21815.638	137420	137283	17907.569	17884.528	17648.331	17625.640

of FORTIES BLEND CRUDE OIL on 01 June 2020
at Hound Point Terminal Firth of Forth on mv/ss LAYLA
bound for CHINA FOR ORDERS
is derived from production emanating from the Forties Pipeline System.

and had not undergone any processing other than stabilising, decanting or dehydration.
No product has been added that is not derived from the recovery of natural gas.

Density @ 15 deg C	0.8211	kg/litre
API Gravity @ 60 deg F	40.7	
Water (Karl Fischer IP 358)	0.09	% vol.
Sediment (by extraction ASTM D473)	0.01	% vol.
B.S. & W.	0.10	% vol.
Salt Content	19.8	lb/1000 bbls



For INEOS FPS LIMITED
Date 01 June 2020

原油第一批标的 1-3



Certificate of Analysis: SG20-01837.001

Date: 19/Mar/2020
 CHEMCHINA (SINGAPORE) PTE LTD
 6 BATTERY ROAD #16-06
 SINGAPORE 049909
 SINGAPORE

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 analytical results, when establishing conformance with commercial or regulatory requirements should note the full provisions of ASTM D3244, IP 367 and ISO 4259 in that context, the default confidence level of petroleum testing having been set at the 95% confidence level. Your attention is specifically drawn to Sections 7.3.6, 7.3.7 and 7.3.8 of ASTM D3244. 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.

This laboratory is accredited under SAC-SINGLAS ISO/IEC 17025. The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council (SAC). Test marked with an asterisk (*) in this report is not within the scope of accreditation for our laboratory.

LOCATION :	SUNGAI LINGGI, MALAYSIA	VESSEL :	STARLIGHT VENTURE
SAMPLE SOURCE :	Ship Tank	PRODUCT DESCRIPTION :	Crude Oil - OMAN EXPORT BLEND
SAMPLE TYPE :	Before Transfer	CRUDE OIL	
SAMPLED :	16/Mar/2020	SOURCE ID :	Composite(1C,2C,4C,3W,5W,SLS)
ANALYSED :	18/Mar/2020 - 19/Mar/2020	RECEIVED :	18/Mar/2020
SAMPLE NUMBER :	1152381	COMPLETED :	19/Mar/2020
		SEAL NO :	SGS 3761301, 3761325 , 3761386, 3761356, 3761302, 3761311, 3761321, 3761360
REPORT COMMENT :	The seal breaking and analysis were witnessed in the presence of: MUHAMMAD HANIFF BIN ABDUL RAHMAN / SAYBOLT (SINGAPORE) PTE. LTD From: 18/3/20 @ 1130 hrs To 2130 hrs		

PROPERTY	METHOD	RESULT UNITS	MIN	MAX
API at 60°F	ASTM D5002-18	33.2 °API	--	Report
Water Content by Distillation	ASTM D4006-16e1	0 % (V/V)	--	Report
Sediment by Extraction	ASTM D473-07(2017)e1	0.003 % (V/V)	--	Report
** End of Analytical Results **				

REPORTED BY

Tommy, Ting Feng Lin
 Shift Coordinator - Pet Lab
 1903202009070000021735

AUTHORISED SIGNATORY

Hong Chow Soh
 Senior Business Manager

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SGS Testing and Control Services Singapore Pte Ltd

1 Seraya Avenue, Jurong Island, Singapore 628208

Member of the SGS Group (Société Générale de Surveillance)



CERTIFICATE OF QUALITY

Report No.: KR140-0012162-1

Date : Apr 04, 2020

Name of Vessel : M.T. "MINERVA SYMPHONY"
 Name of Cargo : Oman Export Blend Crude Oil
 Loading Port : Keoje, Korea
 Discharging Port : Dalian, China
 Sample Drawn From : Ship tank's composite

The composite sample was taken from the shore cavern tank T-103, which was analyzed at the KNOC laboratory, the results of which are as follows:

Tested Items	Test Results	Test Methods
API at 60 Deg. F	33.0	ASTM D 287

- The End -

This report is issued without prejudice to any question of rights and/or liabilities on parties interested or concerned.



Surveyor, JD, An
Intertek Kimsco Co Ltd

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原油第一批标的 1-4

ABU DHABI NATIONAL OIL COMPANY
ADCO FUJAIRAH TERMINAL
CERTIFICATE OF QUANTITY AND QUALITY



COPY

Trip No.	:	F-1762
Vessel	:	DHT OPAL
Commenced Loading	:	26th March, 2020
Completed Loading	:	28th March, 2020

TOTAL QUANTITY DELIVERED		
	Barrels of 42 US Gallons at 60 Deg.F.	Long Tons
Gross	2,098,908	269,416
Water & Sediment	0	0
Nett	2,098,908	269,416

LABORATORY TEST RESULTS		
Relative Density 60/60 Deg. F. By Latest Issues of Method IP - 160 0.8222	A.P.I Gravity at 60 Deg.F (Converted from R.D) At 60/60 Deg.F. by use of ASTM IP Tables 40.60	Water and Sediment By Latest Issue of Method ASTM D-4007 0.0000

SET NO.	Barrels		Long Tons	
	Gross	Nett	Gross	Nett
1	2,098,908	2,098,908	269,416	269,416

The foregoing is a correct statement of the Quantity & Quality of MURBAN CRUDE OIL delivered to this vessel at ADCO FUJAIRAH TERMINAL.

DATE : 28th March, 2020.

Abu Dhabi Company for Onshore Petroleum Operations Ltd. (ADCO)

ORIGINAL SIGNED
BY
Omar Mohamed Al Yammahi

for Vice President Terminal (Fujairah)

ABU DHABI NATIONAL OIL COMPANY

JEBEL DHANNA TERMINAL

CERTIFICATE OF QUANTITY AND QUALITY



COPY

D / No. : 21608
 Vessel : BUNGA KASTURI
 Commenced Loading : 17th March, 2020
 Completed Loading : 18th March, 2020

TOTAL QUANTITY DELIVERED		
	Barrels of 42 US Gallons at 60 Deg.F.	Long Tons
Gross	999,835	128,619
Water & Sediment	0	0
Nett	999,835	128,619

LABORATORY TEST RESULTS		
Relative Density 60/60 Deg. F. By Latest Issues of Method IP - 160	A.P.I Gravity at 60 Deg.F (Converted from R.D) At 60/60 Deg.F. by use of ASTMIP Tables	Water and Sediment By Latest Issue of Method ASTM D-4007
0.8240	40.22	0.0000

SET NO.	Barrels		Long Tons	
	Gross	Nett	Gross	Nett
1	499,918	499,918	64,310	64,310
2	499,917	499,917	64,309	64,309

The foregoing is a correct statement of the Quantity & Quality of MURBAN CRUDE OIL delivered to this vessel at JEBEL DHANNA TERMINAL - ABU DHABI

DATE : 18th March, 2020.


Abu Dhabi Company for Onshore Petroleum Operations Ltd. (ADCO)

ORIGINAL SIGNED
 BY
 Ahmad D. Kaddoura

for Vice President Terminal (JD/MPS)

原油第一批标的 1-5

CERTIFICATE OF QUALITY AND QUANTITY

	BUNGA KASTURI	Shipment No.: S-9055 / 2020
(Ship's Name)		
Quality and quantity herebelow have been determined in accordance with latest API publication and ASTM Petroleum Measurement Tables,		
<u>QUALITY OF STABILIZED UPPER ZAKUM CRUDE OIL</u>		
		<u>BS & W</u>
API gravity at 60 °F	33.8	BBLs : :
BS and W %	NIL	Long Tons : : N/A
		Metric Tons : :
QUANTITY shipped by : "ADNOC OFFSHORE" ON BEHALF OF EXXONMOBIL Abu Dhabi Offshore Petroleum Company Limited (Consignor)		
	<u>GROSS</u>	<u>NETT</u>
US Barrels @ 60 °F	220,000	220,000
Long Tons	29,401	29,401
Metric Tons	29,874	29,874
To be delivered at the port of	: ONE OR MORE SAFE PORT(S), CHINA (Destination)	
Landing completion date	: 19 day of March, 2020.	
For ADNOC OFFSHORE		

备注：品质证书仅作为竞价标的品质证明。