

ESSO NEDERLAND BV
CON/PMI
POSTBUS 1
4803AA, BREDA
Netherlands



Attention of : Mr. P. O'Hare
Your reference : INTV007CRU-2102-0080

Analysis Report

Report number : 12010/00086752.1/L/21 Composite prep date : 29-03-2021
Main Object : JASMINE KNUTSEN Place of sampling : TEAM Terminal bv
Report Date : 01-04-2021 Date received : 29-03-2021
Date of issue : 29-03-2021 Date completed : 29-03-2021
Sample object : JASMINE KNUTSEN Sample number : 11381147
Sample type : Composite
Sample submitted as : Western Isle Crude Oil
Marked : Vessel JASMINE KNUTSEN multiple tank composite prepared from spot samples ex P1 ,
S1 , P3 , S3 , P5 , S5 before discharge into Shore tank 901, Shore tank 905, Shore tank
965

NAME	METHOD	UNIT	RESULT
Density at 15 °C	ASTM D 5002	kg/L	0.8639
Gravity API	Calculated	-	32.21
Water Karl Fischer	ASTM D 4928	vol %	0.02
Sediment By Extraction	ASTM D 473	mass %	0

~ Due to restrictions enforced by terminal/refinery/vessels management and/or local laws and regulations, samples of concerned object have been taken via a closed/restricted sampling system.

With reference to API MPMS 12.11 it should be noted that when taking vessel samples, it may not be possible to obtain representative samples of nonhomogeneous cargoes due to the inherent nature of the cargo and the sampling restrictions.

Signed by: Fatih Eroglu - Sr Account Manager
Issued by: Saybolt Nederland BV
Place and date of issue: Rotterdam-Europoort - 29-03-2021

All results in this report refer to the sample(s) tested as taken or submitted like specified in this Analysis report. Uncertainties, available on request, apply in the evaluation of the test results. All tests are conducted according to the latest version of the methods, unless another version is specifically indicated. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or concern, we refer to the interpretation of test results as defined in ASTM D3244, IP 367, ISO 4259 or GOST 33701. This report shall not be partially copied and reproduced without the written permission of the laboratory.

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Analysis Report

Report number : 12010/00086752.1/L/21 Date of sampling : 30-03-2021
Main Object : JASMINE KNUTSEN Place of sampling : TEAM Terminal bv
Report Date : 01-04-2021 Date received : 31-03-2021
Date of issue : 31-03-2021 Date completed : 31-03-2021
Sample object : TEAM Sample number : 11388200
Sample type : Sampled Seal number : 0000685
Sample submitted as : Western Isle Crude Oil
Marked : Inline Sampler TEAM automatic in-line sampler for analysis only

NAME	METHOD	UNIT	RESULT
Density at 15 °C	ASTM D 5002	kg/L	0.8630
Gravity API	Calculated	-	32.38
Water Karl Fischer	ASTM D 4928	vol %	0.14
Sediment By Extraction	ASTM D 473	mass %	0.01
Sulphur (S)	ASTM D 4294	mass %	0.789
Kinematic Viscosity at 40 °C	ASTM D 445	mm²/s	6.023

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