

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



Attention of : ExxonMobil Soir
Your reference : INTV009FIN-2103-0024

Analysis Report

Report number	: 12004/00131764.1/L/21	Composite prep date	: 27-04-2021
Main Object	: THEO T	Place of sampling	: Vopak Terminal Botlek
Report Date	: 28-04-2021	Date received	: 27-04-2021
Date of issue	: 27-04-2021	Date completed	: 27-04-2021
Sample object	: THEO T	Sample number	: 11514569
Sample type	: Composite		
Sample submitted as	: FUEL OIL BLENDSTOCK		
Marked	: Vessel THEO T multiple tank composite after loading from shore tank S217		

NAME	METHOD	UNIT	RESULT
Mercury (Hg)	UOP 938	ppb	<1
Micro Carbon Residue	ASTM D 4530	mass %	13.00
Sulphur (S)	ASTM D 4294	mass %	1.81
Kinematic Viscosity at 50 °C	ASTM D 445	mm²/s	671.0
Kinematic Viscosity at 55 °C	ASTM D 445	mm²/s	497.8
Simulated Distillation	ASTM D 7169		
Initial boiling point (0.5%)		°C	175.0
2% Recovered		°C	207.0
4% Recovered		°C	226.5
6% Recovered		°C	242.5
8% Recovered		°C	255.5
10% Recovered		°C	267.0
12% Recovered		°C	279.0
14% Recovered		°C	290.0
16% Recovered		°C	300.0
18% Recovered		°C	310.5
20% Recovered		°C	322.5
22% Recovered		°C	337.0
24% Recovered		°C	355.0
26% Recovered		°C	383.5
28% Recovered		°C	450.5
30% Recovered		°C	501.0
32% Recovered		°C	521.0
34% Recovered		°C	533.5
36% Recovered		°C	543.5
38% Recovered		°C	551.5
40% Recovered		°C	558.5
42% Recovered		°C	564.5
44% Recovered		°C	570.5
46% Recovered		°C	576.0
48% Recovered		°C	581.5

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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NAME	METHOD	UNIT	RESULT
50% Recovered		°C	586.5
52% Recovered		°C	591.5
54% Recovered		°C	596.0
56% Recovered		°C	601.0
58% Recovered		°C	606.0
60% Recovered		°C	611.0
62% Recovered		°C	616.0
64% Recovered		°C	621.5
66% Recovered		°C	626.5
68% Recovered		°C	632.0
70% Recovered		°C	637.5
72% Recovered		°C	643.0
74% Recovered		°C	648.5
76% Recovered		°C	655.0
78% Recovered		°C	661.5
80% Recovered		°C	668.0
82% Recovered		°C	675.5
84% Recovered		°C	683.0
86% Recovered		°C	691.5
88% Recovered		°C	699.0
90% Recovered		°C	706.5
92% Recovered		°C	715.0
94% Recovered		°C	723.0
96% Recovered		°C	730.5
98% Recovered		°C	739.0
Final boiling point (99.5%)		°C	747.0

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*~ 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-Botlek - 27-04-2021

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