

EXXONMOBIL PETROLEUM & CHEMICAL BV
RU 2235
POLDERDIJKWEG 3
B-2030, ANTWERPEN
Belgium



Attention of : Mr. D. Mathur
Your reference : AF21042

Analysis Report

Report number : 10404/00024784.1/L/21 Composite prep date : 16-02-2021
Main Object : YM URANUS Place of sampling : Tepsa Valencia Terminal
Report Date : 12-03-2021 Date received : 17-02-2021
Date of issue : 17-02-2021 Date completed : 17-02-2021
Sample object : V1 Sample number : 11193795
Sample type : Composite
Sample submitted as : EHC 120
Marked : Shore tank V1 single tank composite prepared from upper, middle, lower before loading

NAME	METHOD	UNIT	RESULT
Colour ASTM	ASTM D 1500	-	L0.5
Viscosity Index	ASTM D 2270	-	106
Density at 15 °C	ASTM D 4052	g/mL	0.8632
Kinematic Viscosity at 40 °C	ASTM D 445	mm²/s	101
Kinematic Viscosity at 100 °C	ASTM D 445	mm²/s	11.8
Flash point (COC)	ASTM D 92	°C	278
Appearance	Visual	-	Clear and Bright
Noack Evaporation Loss*	ASTM D 5800		
Noack Evaporation Loss - Method B		mass %	1.8
App. Viscosity at -20 °C (CCS)	ASTM D 5293	mPa.s	11370
Pour Point	AM-S 1762	°C	-19

Lab comments:
*Teoretical value calculated basis individual batch result before loading

Analysis performed in Saybolt Barcelona Laboratory
C/ Y n°33, 08040 Barcelona

Signed by: Alberto Soro García - General Manager
Issued by: Saybolt España S.A.U.
Place and date of issue: Cartagena - 17-02-2021

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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Report Date : 12-03-2021 Date received : 17-02-2021
Date of issue : 17-02-2021 Date completed : 17-02-2021
Sample object : P1 Sample number : 11193796
Sample type : Composite
Sample submitted as : EHC 50
Marked : Shore tank P1 single tank composite prepared from upper, middle, lower before loading

NAME	METHOD	UNIT	RESULT
Colour ASTM	ASTM D 1500	-	L0.5
Viscosity Index	ASTM D 2270	-	111
Density at 15 °C	ASTM D 4052	g/mL	0.8508
Kinematic Viscosity at 40 °C	ASTM D 445	mm²/s	29.58
Kinematic Viscosity at 100 °C	ASTM D 445	mm²/s	5.3
App. Viscosity at -20 °C (CCS)	ASTM D 5293	mPa.s	1370
Noack Evaporation Loss	ASTM D 5800		
Noack Evaporation Loss - Method B		mass %	9.2
Flash point (COC)	ASTM D 92	°C	235
Appearance	Visual	-	Clear and Bright
Color	ASTM D 6045		
Color Saybolt		-	>30
Pour Point	AM-S 1762	°C	-24

Lab comments:
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C/ Y nº33, 08040 Barcelona

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Analysis Report

Report number : 10404/00024784.2/L/21 Date of sampling : 14-03-2021
Main Object : YM URANUS Place of sampling : Tepsa Valencia Terminal
Report Date : 15-03-2021 Date received : 15-03-2021
 Date completed : 15-03-2021
Sample object : YM URANUS Sample number : 11314501
Sample type : Sampled
Sample submitted as : EHC 50
Marked : Vessel YM URANUS P3 running after loading .

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Cl&Br
Color Saybolt	ASTM D 6045	-	>30
Color ASTM	ASTM D 1500	-	L0.5
Viscosity at Stabinger	ASTM D 7042		
Kinematic Viscosity at 40°C		mm²/s	29.67

Lab comments:
Analysis performed in Saybolt Valencia laboratory.
Nuevo Dique del este S/N, 46024 Valencia

Signed by: Alberto Soro García - General Manager
Issued by: Saybolt España S.A.U.
Place and date of issue: Cartagena - 15-03-2021

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Main Object : YM URANUS Place of sampling : Tepsa Valencia Terminal
Report Date : 15-03-2021 Date received : 15-03-2021
 Date completed : 15-03-2021
Sample object : YM URANUS Sample number : 11314566
Sample type : Sampled
Sample submitted as : EHC 120
Marked : Vessel YM URANUS S5 running after loading .

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Cl&Br
Color Saybolt	ASTM D 6045	-	>30
Viscosity by Stabinger	ASTM D 7042		
Kinematic Viscosity at 40°C		mm²/s	101.05

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