

To Whom It May Concern

This copy is being provided for courtesy purposes only, and does not give any person or company other than our named client a right to rely on these results. No warranties, express or implied, including the warranty of due diligence and care mentioned elsewhere, shall extend to any party other than such named client.



Analysis Report

Report number : 12004/00128397.2/L/20 Composite prep date : 25-11-2020
Main Object : CHEM NEW ORLEANS Place of sampling : Vopak Terminal Vlaardingen
Report Date : 06-12-2020 Date received : 25-11-2020
Date of issue : 25-11-2020 Date completed : 25-11-2020
Sample object : 5005 Sample number : 10827099
Sample type : Composite
Sample submitted as : EHC 120
Marked : Shore tank 5005 single tank composite

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Clear & Bright
Density at 15 °C	ASTM D 4052	g/mL	0.8627
Color ASTM	ASTM D 1500	-	L 0.5
Color Saybolt	ASTM D 156	-	+30
Kinematic Viscosity at 40 °C	ASTM D 445	mm²/s	100.2
Kinematic Viscosity at 100 °C	ASTM D 445	mm²/s	11.9
Viscosity Index	ASTM D 2270	-	108
Flash Point (COC)	ASTM D 92	°C	265
Pour Point	ASTM D 5950	°C	-21
Noack Evaporation Loss - Method B 1	ASTM D 5800	mass %	1.6
App. Viscosity at -20°C (CCS)	ASTM D 5293	mPa.s	11067

Remarks:

1 As provided by supplier

Signed by: Corla Lakerveld - Sr Account Manager
Issued by: Saybolt Nederland BV
Place and date of issue: Rotterdam-Botlek - 25-11-2020

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.

To Whom It May Concern



This copy is being provided for courtesy purposes only, and does not give any person or company other than our named client a right to rely on these results. No warranties, express or implied, including the warranty of due diligence and care mentioned elsewhere, shall extend to any party other than such named client.

Analysis Report

Report number	: 12004/00128397.2/L/20	Date of sampling	: 04-12-2020
Main Object	: CHEM NEW ORLEANS	Place of sampling	: Vopak Terminal Vlaardingen
Report Date	: 06-12-2020	Date received	: 04-12-2020
Date of issue	: 06-12-2020	Date completed	: 04-12-2020
Sample object	: 22	Sample number	: 10871301
Sample type	: Sampled		
Sample submitted as	: EHC 120		
Marked	: Shore line 22 end of shoreline at jetty 624 before loading into Vessel CHEM NEW ORLEANS		

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Clear and Bright
Viscosity at 40 °C	ASTM D 7042	mm ² /s	100.6
Color Saybolt	ASTM D 156	-	+30

~ 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: Corla Lakerveld - Sr Account Manager
Issued by: Saybolt Nederland BV
Place and date of issue: Rotterdam-Botlek - 06-12-2020

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.

To Whom It May Concern

This copy is being provided for courtesy purposes only, and does not give any person or company other than our named client a right to rely on these results. No warranties, express or implied, including the warranty of due diligence and care mentioned elsewhere, shall extend to any party other than such named client.



Analysis Report

Report number : 12004/00128397.2/L/20 Date of sampling : 04-12-2020
Main Object : CHEM NEW ORLEANS Place of sampling : Vopak Terminal Vlaardingen
Report Date : 06-12-2020 Date received : 04-12-2020
Date of issue : 06-12-2020 Date completed : 04-12-2020
Sample object : CHEM NEW ORLEANS Sample number : 10872035
Sample type : Sampled
Sample submitted as : EHC 120
Marked : Vessel CHEM NEW ORLEANS 9P first foot sample during loading from Shore tank 5005

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Clear & Bright
Viscosity at 40 °C	ASTM D 7042	mm ² /s	99.85
Color Saybolt	ASTM D 156	-	+30

Signed by: Corla Lakerveld - Sr Account Manager
Issued by: Saybolt Nederland BV
Place and date of issue: Rotterdam-Botlek - 06-12-2020

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.

To Whom It May Concern



This copy is being provided for courtesy purposes only, and does not give any person or company other than our named client a right to rely on these results. No warranties, express or implied, including the warranty of due diligence and care mentioned elsewhere, shall extend to any party other than such named client.

Analysis Report

Report number	: 12004/00128397.2/L/20	Date of sampling	: 05-12-2020
Main Object	: CHEM NEW ORLEANS	Place of sampling	: Vopak Terminal Vlaardingen
Report Date	: 06-12-2020	Date received	: 05-12-2020
Date of issue	: 06-12-2020	Date completed	: 05-12-2020
Sample object	: CHEM NEW ORLEANS	Sample number	: 10873455
Sample type	: Sampled		
Sample submitted as	: EHC 120		
Marked	: Vessel CHEM NEW ORLEANS P9 running after loading from Shore tank 5005		

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Clear and Bright
Viscosity at 40 °C	ASTM D 7042	mm ² /s	100.5
Color Saybolt	ASTM D 156	-	+30

Signed by: Corla Lakerveld - Sr Account Manager
Issued by: Saybolt Nederland BV
Place and date of issue: Rotterdam-Botlek - 06-12-2020

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.