



Certificate of Analysis

Report Date: 12/23/2020 5:48:39PM

Vessel/Equipment:	WEB 264	File Number:	100150-264
Shore Tank	50-1	Lab Number:	B20201223001
Product:	Vacuum Gas Oil	Client:	ExxonMobil
Terminal:	LBC, Sunshine, LA	Client Reference:	5196493
Subject:	After Load		

<div>Sample Number: 88733</div> <div>Sample Type: H2S Sample</div> <div>Sample Location: WEB 264 2P</div> <div>Spec</div>							
Method	Component	Result	Units	Min	-	Max	Off-Spec

D5705	Hydrogen Sulfide (Vapor Phase)	<5	ppm	-			
D5705	Temperature	140	°F	-			
IP570	Hydrogen Sulfide (Liquid Phase)	<1	ppm	-			

Sample Number:		88739		Sample Location:		WEB 264	
Sample Type:		Composite				Spec	
<u>Method</u>	<u>Component</u>	<u>Result</u>	<u>Units</u>	<u>Min</u>	-	<u>Max</u>	<u>Off-Spec</u>

D1159	Bromine Number	18.95	g/kg	-			
D1160	IBP Recovered AET	444	°F	-			
D1160	5% Recovered AET	520	°F	-			
D1160	10% Recovered AET	534	°F	-			
D1160	20% Recovered AET	557	°F	-			
D1160	30% Recovered AET	570	°F	-			
D1160	40% Recovered AET	593	°F	-			
D1160	50% Recovered AET	614	°F	-			
D1160	60% Recovered AET	638	°F	-			
D1160	70% Recovered AET	677	°F	-			
D1160	80% Recovered AET	769	°F	-			
D1160	90% Recovered AET	982	°F	-			
D1160	95% Recovered AET	1017	°F	-			
D1160	FBP Recovered AET	1066	°F	-			
D1160	Recovery	99.0	%	-			
D1160	Residue	1.0	%	-			
D4052	API Gravity at 60°F	34.2		-			
D4294	Sulfur Content	0.181	wt%	-			
D4377M	Water Content	0.030	wt%	-		0.5	
D4530	Micro Carbon Residue Test	<0.10	% (m/m)	-		1.5	
D5708A-M	Calcium + Magnesium	<0.1	ppm	-			
D5708A-M	Copper	<0.1	ppm	-			
D5708A	Iron	0.2	ppm	-			
D5708A-M	Sodium	0.4	ppm	-			
D5708A	Nickel	<0.1	ppm	-			
D5708A	Vanadium	<0.1	ppm	-			
D5762	Nitrogen	160	ppm	-			
D611	Aniline Point	180.9	°F	-			

Vessel/Equipment:	WEB 264	File Number:	100150-264
Shore Tank	50-1	Lab Number:	B20201223001
Product:	Vacuum Gas Oil	Client:	ExxonMobil
Terminal:	LBC, Sunshine, LA	Client Reference:	5196493
Subject:	After Load		

D664A	Total Acid Number	0.10	mg KOH/g	-
D7536	Total Chlorides	2.3	ppm	-
D7536-Mod	Organic Chlorides	<1.0	ppm	-
D93B	Flash Point	179	°F	165 -
D97	Pour Point	-12	°C	-

Patrick Odell

X

Glenn Hanson

X

Signed: Patrick Odell
Lab Supervisor

Reviewed by: Glenn Hanson
VP of Laboratories