## **OIL ANALYSIS REPORT**

### JEFF SAPLIS FTM527074 10132025647 - STARBOARD DIESEL ENGINE

Sample No: VPA056857

**Oil Type:** NOT GIVEN

#### SAMPLE INFORMATION

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Sample Number		VPA056857			
Sample Date		13 Nov 2023			
Machine Hours		490			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 100°C	cSt	13.19			
Base Number (BN)	mg KOH/g	9.7			
Oxidation (PA)	%	57			
CONTRAMINATION					
CONTAMINATION					
Water	%	NEG			
Soot %	%	0.2			
Nitration (PA)	%	46			
Sulfation (PA)	%	52			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	4			
Sodium	ppm	0			
Potassium	ppm	<b>  </b> <1			
WEAR METALS					
Iron	ppm	2			
Copper	ppm	0			
Lead	ppm	0			
Tin	ppm	<b>■</b> <1			
Aluminum	ppm	<b>1</b>			
Chromium	ppm	0			
Molybdenum	ppm	59			
Nickel	ppm	0			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	<1			
Vanadium	ppm	0			
ADDITIVES					
Calcium	ppm	<b>1051</b>			
Magnesium	ppm	959			
Zinc	ppm	1257			
Phosphorus	ppm	1081			
Barium	ppm	0			
Boron	ppm	0			

Unique No: Signed: Doug Bogart

Report Date:

01 Dec 2023

VPFLOFOR

10749125

Contact/Location: TYLER GRIFFIN - VPFLOFOR

Depot:



FLORIDA DETROIT DIESEL ALLISON

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for

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Diagnosis

further service.

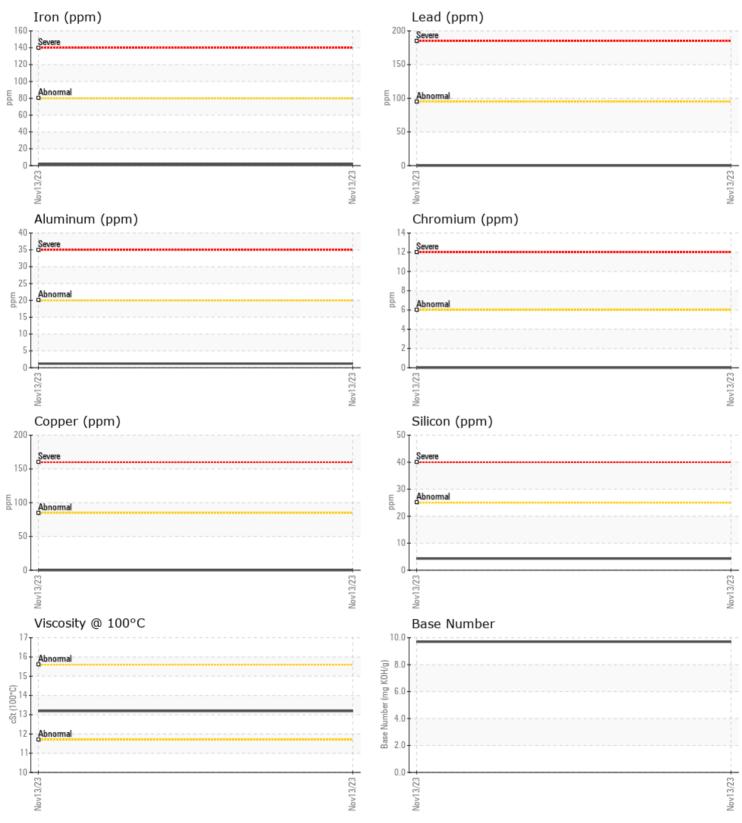
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Contact: TYLER GRIFFIN t.griffin@kirbycorp.com

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPFLOFOR [WUSCAR] 06009981 (Generated: 12/02/2023 04:56:49) Rev: 1

Contact/Location: TYLER GRIFFIN - VPFLOFOR