

OIL ANALYSIS REPORT



JEFF SAPLIS FTM527074 10132025647 - STARBOARD DIESEL ENGINE

Sample No: VPA056857
Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA056857	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	490	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FLORIDA DETROIT DIESEL ALLISON
 2305 ROCKFILL RD
 FORT MYERS, FL
 US 33916
 Contact: TYLER GRIFFIN
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 T:
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.19	---	---	---
Base Number (BN)	mg KOH/g	█ 9.7	---	---	---
Oxidation (PA)	%	57	---	---	---

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	█ < 1	---	---	---

Diagnosis

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 further service.

WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 59	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1051	---	---	---
Magnesium	ppm	█ 959	---	---	---
Zinc	ppm	█ 1257	---	---	---
Phosphorus	ppm	█ 1081	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VPFLOFOR
Unique No: 10749125
Signed: Doug Bogart
Report Date: 01 Dec 2023

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VOLVO PENTA

GRAPHS

