

OIL ANALYSIS REPORT

VOLVO PENTA

JLE05655 - STARBOARD DIESEL ENGINE

Sample No: VPA057474

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA057474	---	---	---
Sample Date	17 Jan 2024	---	---	---
Machine Hours	893	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2
NAPLES, FL
US 34104
Contact: KEITH SPICER
keith_advanceddiesel@yahoo.com
T: (239)580-8731
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.39	---	---	---
Base Number (BN)	mg KOH/g	█ 6.5	---	---	---
Oxidation (PA)	%	█ 31	---	---	---

CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 34	---	---	---
Sulfation (PA)	%	█ 40	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 41	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 1242	---	---	---
Magnesium	ppm	█ 133	---	---	---
Zinc	ppm	█ 748	---	---	---
Phosphorus	ppm	█ 671	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 60	---	---	---

Depot: VPADVNAP
Unique No: 10842764
Signed: Doug Bogart
Report Date: 19 Jan 2024

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GRAPHS

