

OIL ANALYSIS REPORT

VOLVO PENTA

A825832 - PORT DIESEL ENGINE

Sample No: VPA050855

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA050855	---	---	---
Sample Date	27 Jul 2023	---	---	---
Machine Hours	269	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Base Number (BN)	mg KOH/g	█ 10.1	---	---	---
Oxidation (PA)	%	54	---	---	---

CONTAMINATION

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	45	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 5	---	---	---

WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1186	---	---	---
Magnesium	ppm	█ 1116	---	---	---
Zinc	ppm	█ 1418	---	---	---
Phosphorus	ppm	█ 1120	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2

NAPLES, FL

US 34104

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F:

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.

Depot: VPADV NAP

Unique No: 10576295

Signed: Doug Bogart

Report Date: 30 Jul 2023

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GRAPHS

