

OIL ANALYSIS REPORT

VOLVO PENTA

7009147550 - PORT DIESEL ENGINE

Sample No: VPA058222

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA058222	---	---	---
Sample Date	02 Apr 2024	---	---	---
Machine Hours	328	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ADVANCED DIESEL

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

OIL CONDITION

Visc @ 100°C	cSt	█ 14.17	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	55	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	39	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 68	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---

Diagnosis

ADDITIVES

Calcium	ppm	█ 1268	---	---	---
Magnesium	ppm	█ 541	---	---	---
Zinc	ppm	█ 1185	---	---	---
Phosphorus	ppm	█ 1055	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 322	---	---	---

Depot: VPADVNP
Unique No: 10962678
Signed: Doug Bogart
Report Date: 03 Apr 2024

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GRAPHS

