

OIL ANALYSIS REPORT

VOLVO PENTA

A1061028 - STARBOARD DIESEL ENGINE

Sample No: VPA058926

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA058926	---	---	---
Sample Date	28 Mar 2024	---	---	---
Machine Hours	315	---	---	---
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	█ 14.05	---	---	---
Oxidation (PA)	%	█ 61	---	---	---

CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	█ 68	---	---	---
Sulfation (PA)	%	█ 54	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 16	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 85	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1865	---	---	---
Magnesium	ppm	█ 252	---	---	---
Zinc	ppm	█ 1192	---	---	---
Phosphorus	ppm	█ 1035	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 181	---	---	---

Depot: VPADVNP
Unique No: 10954887
Signed: Doug Bogart
Report Date: 01 Apr 2024

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GRAPHS

