

OIL ANALYSIS REPORT

VOLVO PENTA

2146760 - STARBOARD GENSET

Sample No: VPA059978

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA059978	---	---	---
Sample Date	02 Apr 2024	---	---	---
Machine Hours	426	---	---	---
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	█ 14.4	---	---	---
Base Number (BN)	mg KOH/g	8.7	---	---	---
Oxidation (PA)	%	61	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	46	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 8	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	57	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---

Diagnosis

ADDITIVES

Calcium	ppm	1274	---	---	---
Magnesium	ppm	746	---	---	---
Zinc	ppm	1214	---	---	---
Phosphorus	ppm	1063	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	80	---	---	---

Depot: VPADVNP
Unique No: 10962676
Signed: Doug Bogart
Report Date: 03 Apr 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

