

# OIL ANALYSIS REPORT

# VOLVO PENTA

## NOT GIVEN VPA036452 - GENSET

Sample No: VPA036452

Oil Type: DIESEL ENGINE OIL SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA036452	---	---	---
Sample Date	31 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 100°C	cSt	█ 13.41	---	---	---
Base Number (BN)	mg KOH/g	█ 6.5	---	---	---
Oxidation (PA)	%	53	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	55	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 5	---	---	---

### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 67	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	█ 1889	---	---	---
Magnesium	ppm	█ 92	---	---	---
Zinc	ppm	█ 1172	---	---	---
Phosphorus	ppm	█ 983	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 169	---	---	---

#### ADVANCED DIESEL

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

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

Depot: VPADVNAP  
Unique No: 10860852  
Signed: Doug Bogart  
Report Date: 02 Feb 2024

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## GRAPHS

