

# OIL ANALYSIS REPORT

# VOLVO PENTA

**BRIAN BREMAN TOM ONAN/CUMMINS D150813837 - GENSET**

**Sample No:** VPA036579

**Oil Type:** VOLVO PENTA SAE 15W40

## SAMPLE INFORMATION

Sample Number	VPA036579	---	---	---
Sample Date	10 Jan 2024	---	---	---
Machine Hours	614	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

## OIL CONDITION

Visc @ 100°C	cSt	▲ 12.1	---	---	---
Base Number (BN)	mg KOH/g	■ 9.6	---	---	---
Oxidation (PA)	%	55	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.8	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

## WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 57	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	6	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 1225	---	---	---
Magnesium	ppm	■ 928	---	---	---
Zinc	ppm	■ 1229	---	---	---
Phosphorus	ppm	■ 1051	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 3	---	---	---

### ADMIRALTY MARINE

2775 KURTZ ST, STE 12

SAN DIEGO, CA

US 92110

Contact: Terry Albee

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T:

F:

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

**Depot:** VP151529

**Unique No:** 10831288

**Signed:** Jonathan Hester

**Report Date:** 18 Jan 2024

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## GRAPHS

