

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BARRIE ROGERS TOM CUMMINS/ONAN H190620345 - GENSET

Sample No: VPA049582  
Oil Type: VOLVO PENTA SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA049582	---	---	---
Sample Date	27 Sep 2023	---	---	---
Machine Hours	1094	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**ADMIRALTY MARINE**  
2775 KURTZ ST, STE 12  
SAN DIEGO, CA  
US 92110  
Contact: Terry Albee  
TALBEE@ADMIRALTYMARINE.NET  
T:  
F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	---	---	---
Base Number (BN)	mg KOH/g	9.9	---	---	---
Oxidation (PA)	%	63	---	---	---

### CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ < 1	---	---	---

### Diagnosis

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	█ 2	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 46	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	< 1	---	---	---

### ADDITIVES

Calcium	ppm	█ 1399	---	---	---
Magnesium	ppm	█ 654	---	---	---
Zinc	ppm	█ 884	---	---	---
Phosphorus	ppm	█ 708	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 96	---	---	---

Depot: VP151529  
Unique No: 10671640  
Signed: Sean Felton  
Report Date: 02 Oct 2023

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## GRAPHS

