

OIL ANALYSIS REPORT

VOLVO PENTA

21230 - MAIN ENGINE

Sample No: VPA031395

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA031395	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

BEACON BAY MARINA

1-37 CHAMPLAIN RD
PENETANGUISHENE, ON
CA L9M 1S1

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.0	---	---	---
Oxidation (PA)	%	73	---	---	---

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	73	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 7	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample. 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	█ 30	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	2224	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1152	---	---	---
Phosphorus	ppm	977	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	126	---	---	---

Depot: VP728240
Unique No: 5607563
Signed: Kevin Marson
Report Date: 19 Jul 2023

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GRAPHS

