

OIL ANALYSIS REPORT

VOLVO PENTA

JAMES ROLAND 917 NO UNIT VCP031396 - STARBOARD MAIN ENGINE

Sample No: VPA031396

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA031396	---	---	---
Sample Date	04 Oct 2023	---	---	---
Machine Hours	1303	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	MARGINAL	---	---	---

BEACON BAY MARINA

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

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OIL CONDITION

Visc @ 100°C	cSt	10.2	---	---	---
Oxidation (PA)	%	54	---	---	---

CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	59	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	2.8	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	5	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	41	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1569	---	---	---
Magnesium	ppm	240	---	---	---
Zinc	ppm	866	---	---	---
Phosphorus	ppm	739	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	82	---	---	---

Depot: VP728240
Unique No: 5657029
Signed: Kevin Marson
Report Date: 11 Oct 2023

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GRAPHS

