

OIL ANALYSIS REPORT

**VOLVO
PENTA**

2006022236 - PORT DIESEL ENGINE

Sample No: VPA031391

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA031391	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	935	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

GBCS - GEORGIAN BAY SERVICES

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Contact: James Barrow
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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.0	---	---	---
Oxidation (PA)	%	59	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	55	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 50	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm. Metal levels are typical for a new component breaking in. 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	█ 7	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 27	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1732	---	---	---
Magnesium	ppm	█ 439	---	---	---
Zinc	ppm	█ 1115	---	---	---
Phosphorus	ppm	█ 964	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 70	---	---	---

Depot: GBCPEN

Unique No: 5789771

Signed: Kevin Marson

Report Date: 07 Jun 2024

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GRAPHS

