

OIL ANALYSIS REPORT

VOLVO PENTA

19462 VOLVO PENTA 2204146372 - DIESEL ENGINE

Sample No: VPA056512

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA056512	---	---	---
Sample Date	06 Dec 2023	---	---	---
Machine Hours	2300	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Sea Power Ltd

2077 Amelia Ave

SIDNEY, BC

CA V8L 3Z8

Contact: Kayla Sousa

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T: (250)656-4341

F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Oxidation (PA)	%	55	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	55	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 9	---	---	---
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 condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 31	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ < 1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1328	---	---	---
Magnesium	ppm	609	---	---	---
Zinc	ppm	█ 895	---	---	---
Phosphorus	ppm	█ 776	---	---	---
Barium	ppm	█ < 1	---	---	---
Boron	ppm	229	---	---	---

Depot: VP154139

Unique No: 5695854

Signed: Kevin Marson

Report Date: 14 Dec 2023

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PENTA**

GRAPHS

