

OIL ANALYSIS REPORT

**VOLVO
PENTA**

JASON MIDDLETON 19634 A226754 - STARBOARD MAIN ENGINE

Sample No: VPA062125

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA062125	---	---	---
Sample Date	09 Jun 2024	---	---	---
Machine Hours	0	---	---	---
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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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Oxidation (PA)	%	54	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	47	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ < 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 40 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand 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	█ 11	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	61	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	1071	---	---	---
Magnesium	ppm	996	---	---	---
Zinc	ppm	1194	---	---	---
Phosphorus	ppm	1018	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	█ 1	---	---	---

Depot: VP154139
Unique No: 5789902
Signed: Kevin Marson
Report Date: 12 Jun 2024

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GRAPHS

