

# OIL ANALYSIS REPORT

# VOLVO PENTA

## 19228 KOHLER SGM32MG72 - STARBOARD DIESEL ENGINE

Sample No: VPA049550

Oil Type: DIESEL ENGINE OIL SAE 40

### SAMPLE INFORMATION

Sample Number	VPA049550	---	---	---
Sample Date	25 Aug 2023	---	---	---
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	█ 13.4	---	---	---
Oxidation (PA)	%	█ 59	---	---	---

### CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 49	---	---	---
Sulfation (PA)	%	█ 56	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

### 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. 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	█ 13	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 57	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1114	---	---	---
Magnesium	ppm	█ 975	---	---	---
Zinc	ppm	█ 1212	---	---	---
Phosphorus	ppm	█ 1083	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 5	---	---	---

Depot: VP154139  
Unique No: 5632615  
Signed: Kevin Marson  
Report Date: 31 Aug 2023

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## GRAPHS

