

OIL ANALYSIS REPORT

VOLVO PENTA

EMERALD PACIFIC YACHTS 503079 VOLVO PENTA 3200003517 - PORT IPS

Sample No: VPA061992

Oil Type: VOLVO SAE 40

SAMPLE INFORMATION

Sample Number	VPA061992	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	101	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 112	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ 2	---	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 19	---	---	---
Iron	ppm	█ 93	---	---	---
Copper	ppm	8	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	25	---	---	---
Magnesium	ppm	41	---	---	---
Zinc	ppm	83	---	---	---
Phosphorus	ppm	271	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	5	---	---	---

Depot: VP794951
Unique No: 11023546
Signed: Don Baldrige
Report Date: 15 May 2024

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GRAPHS

