

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS HUGHES GREG E. VOLVO PENTA A708941 - PORT DIESEL ENGINE

Sample No: VPA056265

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA056265	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	424	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Galati Yacht Sales LLC

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ANNA MARIA, FL

US 34216

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 9.3	---	---	---
Oxidation (PA)	%	54	---	---	---

CONTAMINATION

Soot %	%	█ 0.5	---	---	---
Nitration (PA)	%	54	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 20	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 1133	---	---	---
Magnesium	ppm	1005	---	---	---
Zinc	ppm	█ 1293	---	---	---
Phosphorus	ppm	█ 1057	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP648685

Unique No: 10619880

Signed: Sean Felton

Report Date: 28 Aug 2023

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GRAPHS

