

OIL ANALYSIS REPORT

VOLVO PENTA

RICHARDS VOLVO PENTA 3940023373 - PORT IPS

Sample No: VPA041433

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA041433	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	680	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FULL KEEL MARINE SERVICES
314 LEGION AVE
ANNAPOLIS, MD
US 21401
Contact: Service Manager
FULLKEELMARINESERIVES@GMAIL.COM
T: (410)507-3542
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 103	---	---	---
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CONTAMINATION

Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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		█ 11	---	---	---
Iron	ppm	█ 26	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 29	---	---	---
Phosphorus	ppm	█ 1376	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 312	---	---	---

Depot: VP1298996
Unique No: 10608404
Signed: Don Baldrige
Report Date: 21 Aug 2023

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GRAPHS

