

OIL ANALYSIS REPORT

VOLVO PENTA

STEPHEN JONES STEVE JONES VOLVO PENTA 3940027715 - PORT IPS

Sample No: VPA032637

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA032637	VPA028622	---	---
Sample Date	15 Aug 2023	10 May 2022	---	---
Machine Hours	419	330	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Suncoast Diesel Marine Inc.

610 Mount Vernan St

OLDSMAR, FL

US 34677

Contact: MARK WARREN

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OIL CONDITION

Visc @ 40°C	cSt	█ 104	█ 104	---	---
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CONTAMINATION

Silicon	ppm	█ 13	█ 11	---	---
Sodium	ppm	█ 6	█ <1	---	---
Potassium	ppm	█ 3	█ 6	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 21	█ 18	---	---
Iron	ppm	█ 160	█ 52	---	---
Copper	ppm	█ 17	█ 7	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 5	█ <1	---	---
Chromium	ppm	█ 2	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 2	█ 0	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 6	█ 6	---	---
Vanadium	ppm	█ 0	█ 0	---	---

ADDITIVES

Calcium	ppm	█ 14	█ 13	---	---
Magnesium	ppm	█ 23	█ 124	---	---
Zinc	ppm	█ 49	█ 11	---	---
Phosphorus	ppm	█ 1478	█ 1469	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 256	█ 398	---	---

Depot: VP945077

Unique No: 10615288

Signed: Doug Bogart

Report Date: 22 Aug 2023

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GRAPHS

