

OIL ANALYSIS REPORT

VOLVO PENTA

STEPHEN JONES STEVE JONES VOLVO PENTA 3940027720 - STARBOARD IPS

Sample No: VPA037962

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA037962	VPA028611	---	---
Sample Date	15 Aug 2023	10 May 2022	---	---
Machine Hours	420	331	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

Suncoast Diesel Marine Inc.

610 Mount Vernan St
OLDSMAR, FL
US 34677
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OIL CONDITION

Visc @ 40°C	cSt	█ 106	█ 104	---	---
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CONTAMINATION

Silicon	ppm	█ 16	█ 11	---	---
Sodium	ppm	█ 25	█ <1	---	---
Potassium	ppm	█ 4	█ 6	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. 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		█ 23	█ 26	---	---
Iron	ppm	▲ 213	█ 48	---	---
Copper	ppm	█ 27	█ 8	---	---
Lead	ppm	█ 0	<1	---	---
Tin	ppm	█ 0	0	---	---
Aluminum	ppm	█ 7	█ 1	---	---
Chromium	ppm	█ 2	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 2	█ 0	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 7	█ 5	---	---
Vanadium	ppm	█ 0	0	---	---

ADDITIVES

Calcium	ppm	█ 15	█ 14	---	---
Magnesium	ppm	█ 24	█ 145	---	---
Zinc	ppm	█ 32	█ 14	---	---
Phosphorus	ppm	█ 1488	█ 1447	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 283	█ 393	---	---

Depot: VP945077
Unique No: 10615289
Signed: Doug Bogart
Report Date: 22 Aug 2023

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GRAPHS

