

OIL ANALYSIS REPORT

VOLVO PENTA

HERLIHY VOLVO PENTA 3194012897 - STARBOARD IPS

Sample No: VPA054234

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054234	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	429	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: JOSHUA
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OIL CONDITION

Visc @ 40°C	cSt	█ 107.7	---	---	---
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CONTAMINATION

Water	%	█ 0.198	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

PQ		▲ 24	---	---	---
Iron	ppm	▲ 212	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	<1	---	---	---
Aluminium	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 19	---	---	---
Phosphorus	ppm	█ 1470	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 309	---	---	---

Diagnosis

We recommend an early resample to monitor this condition. Gear wear is indicated. There is a trace of moisture present in the oil. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283
Unique No: 11047663
Signed: Doug Bogart
Report Date: 24 May 2024

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GRAPHS

