

OIL ANALYSIS REPORT

VOLVO PENTA

0609 VOLVO 3940017278 - PORT IPS

Sample No: VPA054237

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA054237	---	---	---
Sample Date	19 Mar 2024	---	---	---
Machine Hours	534	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Sun Power Diesel & Marine

833 NE 3Rd Ave
DANIA BEACH, FL
US 33004

Contact: SCOTT
scott@sunpowermarine.com
T: (954)237-2200
F: (954)237-2222

OIL CONDITION

Visc @ 40°C	cSt	■ 109	---	---	---
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CONTAMINATION

Water	%	▲ 0.731	---	---	---
Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 63	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 15	---	---	---
Iron	ppm	■ 70	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 87	---	---	---
Magnesium	ppm	■ 20	---	---	---
Zinc	ppm	■ 78	---	---	---
Phosphorus	ppm	■ 1519	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 257	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP154386
Unique No: 10940037
Signed: Don Baldrige
Report Date: 25 Mar 2024

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GRAPHS

