

OIL ANALYSIS REPORT

**VOLVO
PENTA**

ADAM KATZ JOE MERCUISER 2A399078 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA055461

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA055461	---	---	---
Sample Date	27 Mar 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

BAY MARINE

3 E MADISON ST

WAUKEGAN, IL

US 60085

Contact: NANCY FELHOFER

NANCY.FELHOFER@BAYMARINE.NET

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OIL CONDITION

Visc @ 40°C	cSt	■ 157	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 59	---	---	---
Iron	ppm	▲ 215	---	---	---
Copper	ppm	■ 21	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 7	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	57	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	6	---	---	---
Phosphorus	ppm	285	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other 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.

Depot: VP1174336

Unique No: 10405422

Signed: Angela Borella

Report Date: 03 Apr 2023

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GRAPHS

