

OIL ANALYSIS REPORT

**VOLVO
PENTA**

JEWELL VOLVO PENTA 25961 - INBOARD - PORT GEARBOX

Sample No: VPA050601

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number	VPA050601	---	---	---
Sample Date	14 Jul 2023	---	---	---
Machine Hours	540	---	---	---
Oil Hours	5	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	23.93	---	---	---
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CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

PQ		█ 31	---	---	---
Iron	ppm	█ 102	---	---	---
Copper	ppm	▲ 71	---	---	---
Lead	ppm	▲ 367	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 217	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 35	---	---	---
Phosphorus	ppm	█ 239	---	---	---
Barium	ppm	█ 92	---	---	---
Boron	ppm	█ 70	---	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Clutch 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.

Depot: VP153685
Unique No: 10561737
Signed: Doug Bogart
Report Date: 17 Jul 2023

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GRAPHS

