

OIL ANALYSIS REPORT

VOLVO PENTA

NIMA SALESTANI GEOFF/502244 TWIN DISC 5GP811 - INBOARD - PORT GEARBOX

Sample No: VPA060786

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA060786	---	---	---
Sample Date	13 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

Endor Marine LLC - Coastal Marine - 152124
4300 11th Ave. NW
SEATTLE, WA
US 98107
Contact: WILLOW YANARELLA
service@coastalmarineengine.com
T: (206)784-3703
F: (206)784-8823

OIL CONDITION

Visc @ 40°C	cSt	▲ 104	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 11	---	---	---

WEAR METALS

PQ		■ 25	---	---	---
Iron	ppm	■ 24	---	---	---
Copper	ppm	▲ 102	---	---	---
Lead	ppm	■ 25	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	70	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2232	---	---	---
Magnesium	ppm	439	---	---	---
Zinc	ppm	1115	---	---	---
Phosphorus	ppm	967	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	358	---	---	---

Diagnosis

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. Please specify the brand, type, and viscosity of the oil on your next sample. Copper ppm levels are abnormal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP794951
Unique No: 10648971
Signed: Angela Borella
Report Date: 19 Sep 2023

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GRAPHS

