

OIL ANALYSIS REPORT

VOLVO PENTA

JOHN GREGORY PB5530 TWIN DISC 2417828 - INBOARD - PORT GEARBOX

Sample No: VPA049532

Oil Type: MOBIL MOBILFLUID 424

SAMPLE INFORMATION

Sample Number	VPA049532	VPA037291	---	---
Sample Date	04 Jan 2024	09 Dec 2021	---	---
Machine Hours	978	505	---	---
Oil Hours	200	200	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	47.5	60.0	---	---
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CONTAMINATION

Water	%	0.241	NEG	---	---
Silicon	ppm	11	8	---	---
Sodium	ppm	5	2	---	---
Potassium	ppm	1	<1	---	---

WEAR METALS

PQ		21	16	---	---
Iron	ppm	43	18	---	---
Copper	ppm	36	11	---	---
Lead	ppm	5	6	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	6	6	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	3	27	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3620	3854	---	---
Magnesium	ppm	19	24	---	---
Zinc	ppm	1458	1421	---	---
Phosphorus	ppm	1189	1288	---	---
Barium	ppm	0	0	---	---
Boron	ppm	149	121	---	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP531377

Unique No: 10822925

Signed: Doug Bogart

Report Date: 11 Jan 2024

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GRAPHS

