

OIL ANALYSIS REPORT

VOLVO PENTA

RICH CARROLL PB5527 VOLVO PENTA 3950003835 - PORT IPS

Sample No: VPA049501

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA049501	VPA037282	---	---
Sample Date	10 Jan 2024	11 Nov 2021	---	---
Machine Hours	780	376	---	---
Oil Hours	150	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 102	█ 103	---	---
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CONTAMINATION

Water	%	▲ 0.214	NEG	---	---
Silicon	ppm	█ 2	2	---	---
Sodium	ppm	█ 2	█ 4	---	---
Potassium	ppm	█ <1	█ 0	---	---

WEAR METALS

PQ		█ 15	█ 21	---	---
Iron	ppm	█ 30	█ 62	---	---
Copper	ppm	█ 2	6	---	---
Lead	ppm	█ 0	0	---	---
Tin	ppm	█ 0	0	---	---
Aluminum	ppm	█ <1	<1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 2	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ <1	█ 3	---	---
Vanadium	ppm	█ 0	0	---	---

ADDITIVES

Calcium	ppm	█ 32	█ 14	---	---
Magnesium	ppm	█ 35	142	---	---
Zinc	ppm	█ 29	█ 5	---	---
Phosphorus	ppm	█ 1465	█ 1422	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 305	█ 331	---	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

Depot: VP531377

Unique No: 10834492

Signed: Sean Felton

Report Date: 19 Jan 2024

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GRAPHS

