

OIL ANALYSIS REPORT

VOLVO PENTA

JAMES EBELL 3794 VOLVO PENTA 2168502 - SAIL DRIVE - GEARBOX

Sample No: VPA055697

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number	VPA055697	---	---	---
Sample Date	29 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: MICHAEL JORDAN

mdjordan@wbdiesel.com

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OIL CONDITION

Visc @ 40°C	cSt	■ 70.7	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	■ 30	---	---	---
Copper	ppm	■ 32	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 61	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 1164	---	---	---
Magnesium	ppm	■ 877	---	---	---
Zinc	ppm	■ 1247	---	---	---
Phosphorus	ppm	■ 1093	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 26	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1165983

Unique No: 10817529

Signed: Jonathan Hester

Report Date: 08 Jan 2024

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GRAPHS

