

OIL ANALYSIS REPORT

VOLVO PENTA

SUZANNA KAVOOR VOLVO PENTA 50250239207 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA059547
Oil Type: DEVRON ATF

SAMPLE INFORMATION

Sample Number	VPA059547	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	529	---	---	---
Oil Hours	529	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

Helmut's Marine Service
619 Canal Street
SAN RAFAEL, CA
US 94901-3545
Contact: NADINE URUIOLI
SERVICE@HELMUTSMARINE.COM
T: x:
F: x:

OIL CONDITION

Visc @ 40°C	cSt	■ 25.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 71	---	---	---
Iron	ppm	■ 82	---	---	---
Copper	ppm	▲ 379	---	---	---
Lead	ppm	▲ 37	---	---	---
Tin	ppm	■ 5	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	13	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	81	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	166	---	---	---
Barium	ppm	7	---	---	---
Boron	ppm	87	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Clutch and/or bushing/bearing 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: VP152741
Unique No: 10764260
Signed: Doug Bogart
Report Date: 29 Nov 2023

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GRAPHS

