

OIL ANALYSIS REPORT

VOLVO PENTA

MICHAEL MURPHY DANIEL/502118 VOLVO PENTA 4012184962 - STERNDRIVE - GEARBOX

Sample No: VPA036833

Oil Type: VOLVO PENTA GL-5 SAE 75W140

SAMPLE INFORMATION

Sample Number	VPA036833	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	527	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

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SEATTLE, WA
US 98107
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T: (206)784-3703
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OIL CONDITION

Visc @ 40°C	cSt	█ 119	---	---	---
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CONTAMINATION

Water	%	▲ 0.500	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 28	---	---	---
Iron	ppm	● 756	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 20	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 9	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 34	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 24	---	---	---
Phosphorus	ppm	█ 1303	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 300	---	---	---

Diagnosis

We advise that you check for the source of water entry. 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. Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP794951
Unique No: 10603648
Signed: Doug Bogart
Report Date: 15 Aug 2023

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GRAPHS

