

OIL ANALYSIS REPORT

VOLVO PENTA

MITCHELL VOLVO PENTA 3200003695 - PORT IPS

Sample No: VPA036753

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036753	---	---	---
Sample Date	15 Jun 2023	---	---	---
Machine Hours	31	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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CONTAMINATION

Water	%	● 8.92	---	---	---
Silicon	ppm	■ 26	---	---	---
Sodium	ppm	■ 33	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 50	---	---	---
Magnesium	ppm	■ 613	---	---	---
Zinc	ppm	■ 15	---	---	---
Phosphorus	ppm	■ 1462	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 197	---	---	---

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Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP1298996
Unique No: 10608924
Signed: Don Baldrige
Report Date: 22 Aug 2023

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GRAPHS

