

OIL ANALYSIS REPORT

VOLVO PENTA

JIM MILGARD EVAN/502887 VOLVO PENTA 3194009630 - PORT IPS

Sample No: VPA059286

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059286	VPA014068	---	---
Sample Date	30 Apr 2024	26 Oct 2017	---	---
Machine Hours	576	363	---	---
Oil Hours	576	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	SEVERE	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 108	99.7	---	---
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CONTAMINATION

Water	%	▲ 1.49	NEG	---	---
Silicon	ppm	█ 11	● 27	---	---
Sodium	ppm	█ 99	█ 2	---	---
Potassium	ppm	█ 6	█ 11	---	---

WEAR METALS

PQ		█ 28	█ 27	---	---
Iron	ppm	█ 109	█ 66	---	---
Copper	ppm	█ 8	█ 6	---	---
Lead	ppm	2	█ <1	---	---
Tin	ppm	3	█ 0	---	---
Aluminum	ppm	2	█ 2	---	---
Chromium	ppm	█ 2	<1	---	---
Molybdenum	ppm	█ 1	<1	---	---
Nickel	ppm	█ 2	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 5	2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 35	7	---	---
Magnesium	ppm	█ 13	5	---	---
Zinc	ppm	█ 36	16	---	---
Phosphorus	ppm	█ 1511	1294	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 267	264	---	---

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. All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP794951
Unique No: 11016350
Signed: Jonathan Hester
Report Date: 08 May 2024

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GRAPHS

