

OIL ANALYSIS REPORT

VOLVO PENTA

JOHN BENZ DANIEL/502792 VOLVO PENTA 3102242337 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA053080

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053080	---	---	---
Sample Date	24 Mar 2024	---	---	---
Machine Hours	683	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

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US 98107
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OIL CONDITION

Visc @ 40°C	cSt	█ 116	---	---	---
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CONTAMINATION

Water	%	▲ 2.87	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 36	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

PQ		█ 27	---	---	---
Iron	ppm	▲ 625	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	▲ 31	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 17	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 29	---	---	---
Phosphorus	ppm	█ 1463	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 417	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is hazy. 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: 10990221
Signed: Don Baldrige
Report Date: 23 Apr 2024

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GRAPHS

