

OIL ANALYSIS REPORT

VOLVO PENTA

STEVE HUNTER AR502240 VOLVO PENTA A179315 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA055039

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055039	---	---	---
Sample Date	03 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	125	---	---	---
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CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	24	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

WEAR METALS

PQ		30	---	---	---
Iron	ppm	829	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	67	---	---	---
Chromium	ppm	8	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	6	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	13	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	90	---	---	---
Phosphorus	ppm	1165	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	140	---	---	---

Depot: VP794951
Unique No: 10589796
Signed: Jonathan Hester
Report Date: 09 Aug 2023

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GRAPHS

