

OIL ANALYSIS REPORT

VOLVO PENTA

ALVARO NORES VOLVO PENTA 3940025355 - STARBOARD IPS

Sample No: VPA055340

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055340	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	662	---	---	---
Oil Hours	66	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	17	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 191	---	---	---
Copper	ppm	14	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 34	---	---	---
Phosphorus	ppm	█ 1302	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 261	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VPCYMPOM
Unique No: 10847405
Signed: Doug Bogart
Report Date: 26 Jan 2024

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GRAPHS

