

OIL ANALYSIS REPORT

VOLVO PENTA

EPY SAM VOLVO PENTA 3950002011 - STARBOARD IPS

Sample No: VPA059147

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059147	---	---	---
Sample Date	22 Nov 2023	---	---	---
Machine Hours	266	---	---	---
Oil Hours	125	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 99.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

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

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 21	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 87	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	■ 22	---	---	---
Phosphorus	ppm	■ 1443	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 324	---	---	---

Depot: VP794951
Unique No: 10791523
Signed: Sean Felton
Report Date: 19 Dec 2023

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GRAPHS

