

OIL ANALYSIS REPORT

VOLVO PENTA

EPY SAM VOLVO PENTA 3950009594 - STARBOARD IPS

Sample No: VPA061714

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA061714	---	---	---
Sample Date	01 Jul 2024	---	---	---
Machine Hours	121	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 98.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 12	---	---	---

Diagnosis

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.

WEAR METALS

PQ		■ 22	---	---	---
Iron	ppm	■ 29	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 59	---	---	---
Magnesium	ppm	991	---	---	---
Zinc	ppm	■ 42	---	---	---
Phosphorus	ppm	■ 1715	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 592	---	---	---

Depot: VP794951
Unique No: 11111354
Signed: Don Baldrige
Report Date: 07 Jul 2024

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GRAPHS

