

OIL ANALYSIS REPORT

VOLVO PENTA

50023474 - INBOARD - STARBOARD GEARBOX

Sample No: VPA050506

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA050506	VPA040231	---	---
Sample Date	07 Sep 2023	19 Nov 2021	---	---
Machine Hours	980	585	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 114.7	█ 112	---	---
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CONTAMINATION

Silicon	ppm	█ 3	█ 3	---	---
Sodium	ppm	█ 2	█ 0	---	---
Potassium	ppm	█ 0	█ <1	---	---

WEAR METALS

PQ		█ 10	█ 20	---	---
Iron	ppm	█ 11	█ 5	---	---
Copper	ppm	█ 3	█ 4	---	---
Lead	ppm	█ 1	█ 2	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	17	89	---	---
Nickel	ppm	█ 0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	2985	2578	---	---
Magnesium	ppm	49	187	---	---
Zinc	ppm	917	1057	---	---
Phosphorus	ppm	791	988	---	---
Barium	ppm	0	0	---	---
Boron	ppm	10	5	---	---

ADVANCED DIESEL

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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: VPADVNPAP
Unique No: 10643599
Signed: Doug Bogart
Report Date: 12 Sep 2023

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GRAPHS

