

OIL ANALYSIS REPORT

VOLVO PENTA

MICHAEL COLEMAN PATRICK/502200-7400 VOLVO PENTA 50250119975 - INBOARD - GEARBOX

Sample No: VPA036865

Oil Type: VOLVO PENTA VDS 4.5

SAMPLE INFORMATION

Sample Number	VPA036865	---	---	---
Sample Date	26 Jul 2023	---	---	---
Machine Hours	1466	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 76.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 88	---	---	---
Potassium	ppm	■ 3	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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		■ 39	---	---	---
Iron	ppm	■ 78	---	---	---
Copper	ppm	▲ 207	---	---	---
Lead	ppm	■ 50	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	49	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1313	---	---	---
Magnesium	ppm	836	---	---	---
Zinc	ppm	1316	---	---	---
Phosphorus	ppm	1113	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	22	---	---	---

Depot: VP794951
Unique No: 10578234
Signed: Doug Bogart
Report Date: 01 Aug 2023

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GRAPHS

